

```

Data bank : Issued_AA , all entries
-- Output Parameters --
File Options:
  File Options:
    Nucleic acid code matching      Exact      Indirect file      No
    Find non-matching hits only    No        Sequence or key file  No
    Report key used                Yes       List of hits        Yes
    Note position cf hit          Yes       Hit display        Yes
    Display full annotations      Yes       Name and annotations Yes
    Sequence context               10

```

- Run Parameters --

Run mode	Batch
Time to start comparison	now
Margin at end of run	No

match found in sequence:
US 07-618-17; Sequence 17, Application US/07626618A
(From "srichinna5A-COBs-pep")
Sequence 17, Application US/07626618A
Patent No. 5422265.
GENERAL INFORMATION:
APPLICANT: Van Tol, Hubert H. X.
Civelli, Olivier
TITLE OF INVENTION: A No. 5422265*1* Human Dopamine Receptor and Uses
NUMBER OF SEQUENCES: 22
CORRESPONDENCE ADDRESS:
ADDRESSEE: Allegretti & Witcoff, Ltd.
ADDRESS: 120 Wall Street, New York, NY 10005

CITY: Chicago
STATE: Illinois
COUNTRY: USA
ZIP: 60606

COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy disk
COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: Patent In Release #1.0, Version #1.25
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/07/626,618A
FILING DATE: 7 DEC 1990

CLASSIFICATION: 435
ATTORNEY/AGENT INFORMATION:
NAME: No. 5422265nan, Kevin E
REGISTRATION NUMBER: 15,303
REFERENCE/DOCKET NUMBER: 90, 113
TELECOMMUNICATION INFORMATION:
TELEPHONE: 312-715-1500
TELEFAX: 312-715-1234
TELEX: 810-221-8317
INFORMATION FOR SEQ ID NO: 17:
SEQUENCE CHARACTERISTICS:
LENGTH: 387 amino acids
TYPE: amino acid
TOPOLOGY: linear
MOLECULE TYPE: protein
HYPOTHETICAL: NO
Found using "cys" (new.key);

1 match found in sequence:
US-08-086-439C-3 ; Sequence 3, Application US/08086439C
(from "src/iaua5A COMB;pep";
Sequence 3, Application US/08086439C
Patent No. 5468615
GENERAL INFORMATION:
APPLICANT: Chio, Christopher L.
APPLICANT: Huff, Rita M.
TITLE OF INVENTION: A synthetic G
NUMBER OF SEQUENCES: 9
CORRESPONDENCE ADDRESS:
ADDRESSEE: The Upjohn Company,
ADDRESS: Property Law
STREET: 301 Henrietta Street
CITY: Kalamazoo
STATE: Michigan
COUNTRY: USA
ZIP: 49001
COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy disk
COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: PatentIn Release #1.0
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/08/386,4
FILING DATE:
CLASSIFICATION: 435
ATTORNEY/AGENT INFORMATION:
NAME: Darney, Jr., James D.
REGISTRATION NUMBER: 13,673
REFERENCE/DOCKET NUMBER: 470C
TELECOMMUNICATION INFORMATION:
TELEPHONE: 616-385-5110
TELEFAX: 616-385-6897
TELEX: 224401
INFORMATION FOR SEQ ID NO: 3:
SEQUENCE CHARACTERISTICS:
LENGTH: 387 amino acids
TYPE: amino acid
STRAND/BENDNESS: single
TOPOLOGY: linear
MOLECULE TYPE: peptide
Found using "cys" (new.key);

NUMBER OF SEQUENCES: 6
 CORRESPONDENCE ADDRESS:
 ADDRESSEE: Allegretti & Witcoff, Ltd.
 STREET: 10 South Wacker Drive, Suite 3000
 CITY: Chicago
 STATE: Illinois
 COUNTRY: USA
 ZIP: 60606

1 match found in sequence:
 US-08-1C3-739B-2 ; Sequence 2, Application US/08103739B
 (from "srch/i/as/5A COMB pep")
 Sequence 2, Application US/CB103739B
 Patent No. 5418869

GENERAL INFORMATION:
 APPLICANT: ALBERTSEN, Marc C.
 BEACH, Larry R.
 HOWARD, John A.
 APPLICANT: HUFFMAN, Gary A.
 TITLE OF INVENTION: DNA Sequences Mediating Male Fertility
 NUMBER OF SEQUENCES: 8
 CORRESPONDENCE ADDRESS:
 ADDRESSEE: Pioneer Hi-Bred International, Inc.
 STREET: 700 Capital Square, 400 Locust Street
 CITY: Des Moines
 STATE: Iowa
 COUNTRY: U.S.
 ZIP: 50329

COMPUTER READABLE FORM:
 MEDIUM TYPE: Floppy disk
 COMPUTER: IBM PC compatible
 OPERATING SYSTEM: PC-DOS/MS-DOS
 SOFTWARE: PatentIn Release #1.0, Version #1.25
 CURRENT APPLICATION DATA:
 APPLICATION NUMBER: US/08/1033, 739B
 CLASSIFICATION: 8C0
 PRIOR APPLICATION NUMBER:
 APPLICATION NUMBER: US 07/537,183
 FILING DATE: 12-JUN-1990
 ATTORNEY/AGENT INFORMATION:
 NAME: Sweeney, Patricia A.
 REGISTRATION NUMBER: 32,733
 REFERENCE/DOCKET NUMBER: 01225R2
 TELEPHONE: (515) 248-4897
 TELEFAX: (515) 248-4844
 INFORMATION FOR SEQ ID NO: 2:
 SEQUENCE CHARACTERISTICS:
 LENGTH: 473 amino acids
 TYPE: amino acid
 TOPOLOGY: linear
 Found using 'cys' (new.key)

...
 248 PPAFLRLQDPLGPDCAPPAGLPPDPGGSNCAPDDAVRAAA
 258 278

...
 3 matches found in sequence:
 US-08-056-051-4 ; Sequence 4, Application US/08056051
 (from "srch/i/as/5A COMB pep")
 Sequence 4, Application US/08056051
 Patent No. 5516683

GENERAL INFORMATION:
 APPLICANT: Grandy, David K.
 BUNZOW, James R.
 APPLICANT: Civelli, Olivier
 APPLICANT: Van Tol, Hubert H.-M.
 ATTORNEY/AGENT INFORMATION:
 NAME: No. 5516633n, Kevin E.
 REGISTRATION NUMBER: 35,303

NUMBER OF SEQUENCES: 6
 CORRESPONDENCE ADDRESS:
 ADDRESSEE: Allegretti & Witcoff, Ltd.
 STREET: 10 South Wacker Drive, Suite 3000
 CITY: Chicago
 STATE: Illinois
 ZIP: 60606

COMPUTER READABLE FORM:
 MEDIUM TYPE: Floppy disk
 COMPUTER: IBM PC compatible
 OPERATING SYSTEM: PC-DOS/MS-DOS
 SOFTWARE: PatentIn Release #1.0, Version #1.25
 CURRENT APPLICATION DATA:
 APPLICATION NUMBER: US/08/C56, C51
 FILING DATE: 1993-04-29
 ATTORNEY/AGENT INFORMATION:
 NAME: No. 5516633n, Kevin E.
 REGISTRATION NUMBER: 35,303

...
 420 EDXPXSMFLQCLLICVRLXMSNATSGNLVCYMOQIGIMDR
 430 450

...
 1 match found in sequence:
 US-08-056-051-2 ; Sequence 2, Application US/08056051
 (from "srch/i/as/5A COMB pep")
 Sequence 2, Application US/08056051
 Patent No. 5516683

GENERAL INFORMATION:
 APPLICANT: Grandy, David K.
 BUNZOW, James R.
 APPLICANT: Civelli, Olivier
 APPLICANT: Van Tol, Hubert H.-M.
 ATTORNEY/AGENT INFORMATION:
 NAME: No. 5516633el, Human Dopamine Receptor and Uses
 REGISTRATION NUMBER: A No. 5516633el Human Dopamine Receptor and Uses

REFERENCE DOCKET NUMBER: 90,1
 TELECOMMUNICATION INFORMATION:
 TELEPHONE: 312-715-1000
 TELEFAX: 312-715-1234
 TELEX: 910-222-5317
 INFORMATION FOR SEQ ID NO: 4:
 SEQUENCE CHARACTERISTICS:
 LENGTH: 419 amino acids
 TYPE: ANTI ACID
 TOPOLOGY: linear
 MOLECULE TYPE: protein
 OTHER INFORMATION: new

PPAPRLPQDPGPDCAAPPAPGLPRGCPDCAPAAAPSLPQQDPGCPDCAAPPAGLPPDPGCG
 258 278 290
 274 294

- matches found in sequence:
-08-056-051-6 ; Sequence 6, Application US/08056051
from "Archimaa/SACOMB.PEP1"
Sequence 6, Application US/08056051

248	PAPFLPQDPCGPDCAPPAGLPRGPGPDCAPPAGLPAAPAGLPPDPCGPDCAPPAGLPPDPCPG 258	274	278	290	294	296
308	PDCAFPAGLPRGPGPDCAPPAGLPAAPAGLPPDPCGPDCAPPAGLPPDPCGSNCAAPPDAVRAA 316	322	326	338	342	355

1 match found in sequence:
US-08-336-108A-9 ; Sequence 9 , Application US/08336708A

Sequence 9, Application US/083367C8A
Patient No. 5521295
GENERAL INFORMATION:
APPLICANT: Pacifici, Robert E.
APPLICANT: Thomason, Arlen R.
APPLICANT: Chang, Ming Shie
TITLE OF INVENTION: Hybrid Receptor Molecules
NUMBER OF SEQUENCES: 10
CORRESPONDENCE ADDRESS:
ADDRESSEE: Amgen Inc.
STREET: 1840 Dehaven Drive
CITY: Thousand Oaks
STATE: California
COUNTRY: USA
ZIP: 91320-1789
COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy disk
COMPUTER: IBM PC Compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: Patentin Release #1.0, Version #1.30
CURRENT APPLICATION DATE:
APPLICATION NUMBER: US/08/336,738A

CLASSIFICATION: 435
ATTORNEY/AGENT INFORMATION:
NAME: Oleksi, Nancy
REFERENCE/DOCKET NUMBER: A-241A
INFORMATION FOR SEQ ID NO: 9:
SEQUENCE CHARACTERISTICS:
LENGTH: 644 amino acids
TYPE: amino acid
STRANDEDNESS: single
TOPOLOGY: linear
MOLECULE TYPE: protein
Found using 'sys' (new key)

1 match found in sequence:
US-C7-928-611-9 ; Sequence 9, Application US/C7928611
(from "/src1/iaa/5A CCOMB.PEP")
Sequence 9, Application US/07928611.
Patent No. 5569601
GENERAL INFORMATION:

APPLICANT: Civelli, Olivier
 TITLE OF INVENTION: A No. 55696Clel Human Dopamine Receptor and Uses
 NUMBER OF SEQUENCES: 22
 CORRESPONDENCE ADDRESS:
 ADDRESSE: Allegretti & Witcoff, Ltd.
 STREET: 10 South Wacker Drive, Suite 3000
 CITY: Chicago
 STATE: Illinois
 COUNTRY: USA
 ZIP: 60606
 COMPUTER READABLE FORM:
 MEDIUM TYPE: Floppy disk
 COMPUTER: IBM PC compatible
 OPERATING SYSTEM: PC-DCS/MS-DOS
 SOFTWARE: Patent-in Release #1.0, Version: #1.25
 CURRENT APPLICATION DATA:
 APPLICATION NUMBER: US/07/928,611
 FILING DATE: 19920810
 CLASSIFICATION: 435
 ATTORNEY/AGENT INFORMATION:
 NAME: No. 55696Clel, Kevin E.
 REGISTRATION NUMBER: 35,303
 TELECOMMUNICATION INFORMATION:
 TELEPHONE: 312-715-1000
 TELEFAX: 312-715-1234
 INFORMATION FOR SEQ ID NC: 9:
 SEQUENCE CHARACTERISTICS:
 LENGTH: 187 amino acids
 TYPE: AMINO ACID
 TOPOLOGY: Linear
 MOLECULE TYPE: Protein
 Found using 'cys' (new key)

REFERENCE/DOCKET NUMBER: 90,1092-B
 TELECOMMUNICATION INFORMATION:
 TELEPHONE: 312-715-1000
 TELEFAX: 312-715-1234
 TELEX: 810-221-8317
 INFORMATION FOR SEQ ID NO: 11:
 SEQUENCE CHARACTERISTICS:
 LENGTH: 219 amino acids
 TYPE: AMINO ACID
 TOPOLOGY: Linear
 MOLECULE TYPE: protein
 Found using 'cys' (new key)

3 matches found in sequence:
 US-07-928-611-11 ; Sequence 11, Application US/07928611
 (from "/srch/iaas/5A_CMB.pop")
 Sequence 11, Application US/07928611
 Patent No. 5569601
 GENERAL INFORMATION:
 APPLICANT: Van Tol, Hubert H.M.
 ATTORNEY/AGENT INFORMATION:
 NAME: Civelli, Olivier
 REGISTRATION NUMBER: 35,303
 TELECOMMUNICATION INFORMATION:
 TELEPHONE: 312-715-1000
 INFORMATION FOR SEQ ID NO: 13:
 SEQUENCE CHARACTERISTICS:
 LENGTH: 267 amino acids
 TYPE: AMINO ACID
 TOPOLOGY: Linear
 MOLECULE TYPE: protein
 Found using 'cys' (new key)

6 matches found in sequence:
 US-07-928-611-13 ; Sequence 13, Application US/07928611
 (from "/srch/iaas/5A_CMB.pop")
 Sequence 13, Application US/07928611
 Patent No. 5569601
 GENERAL INFORMATION:
 APPLICANT: Van Tol, Hubert H.M.
 ATTORNEY/AGENT INFORMATION:
 NAME: Civelli, Olivier
 REGISTRATION NUMBER: A No. 55696Clel Human Dopamine Receptor and Uses
 TELECOMMUNICATION INFORMATION:
 APPLICATION NUMBER: 125
 FILING DATE: 19920810
 CLASSIFICATION: 435
 ATTORNEY/AGENT INFORMATION:
 NAME: No. 5569601nan, Kevin E.
 REGISTRATION NUMBER: 35,303
 TELECOMMUNICATION INFORMATION:
 TELEPHONE: 312-715-1000
 INFORMATION FOR SEQ ID NO: 14:
 SEQUENCE CHARACTERISTICS:
 LENGTH: 267 amino acids
 TYPE: AMINO ACID
 TOPOLOGY: Linear
 MOLECULE TYPE: protein
 Found using 'cys' (new key)

CURRENT APPLICATION DATA:

APPLICATION NUMBER: US/07/928,611
 FILING DATE: 1992/08/10
 CLASSIFICATION: 435
 ATTORNEY/AGENT INFORMATION:
 NAME: No. 559410enan, Kevin E
 REGISTRATION NUMBER: 35,303
 REFERENCE/DOCKET NUMBER: 90,1092-B
 TELEPHONE: 312-715-1300
 TELEFAX: 312-715-1234
 TELEX: 810-221-8317
 INFORMATION FOR SEQ ID NO: 17:
 SEQUENCE CHARACTERISTICS:
 LENGTH: 467 amino acids
 TYPE: amino acid
 TOPOLOGY: linear
 MOLECULE TYPE: protein
 HYPOTHETICAL: NO
 FOUND USING 'cys' (new.key)

SEQUENCE CHARACTERISTICS:
 LENGTH: 467 amino acids
 TYPE: AMINO ACID
 TOPOLOGY: linear
 MOLECULE TYPE: protein
 FOUND USING 'cys' (new.key)

1 match found in sequence:
 US/08-449-13-1 ; Sequence 1; Application US/C8449153
 (from "/srch/iaa/5A/COMB.pep")
 Sequence 1, Application JS/08449-153
 Patent No. 5686255

GENERAL INFORMATION:
 APPLICANT: Deeh, Richard C.
 TITLE OF INVENTION: Compositions and Methods for Diagnosing
 NUMBER OF SEQUENCES: 1
 CORRESPONDENCE ADDRESS:
 ADDRESSEE: Hamilton, Brook, Smith & Reynolds, P.C.
 STREET: Two Militia Drive
 CITY: Lexington
 STATE: Massachusetts
 COUNTRY: USA
 ZIP: 02173

COMPUTER READABLE FORM:
 MEDIUM TYPE: Floppy disk
 COMPUTER: IBM PC compatible
 OPERATING SYSTEM: PC-DOS/MS-DOS
 SOFTWARE: Patent Release #1.C, Version #1.3C
 CURRENT APPLICATION DATA:
 APPLICATION NUMBER: US/08/449,153
 FILING DATE: 24-MAY-1995
 CLASSIFICATION: 435
 ATTORNEY/AGENT INFORMATION:
 NAME: Carroll, Alice C.
 REGISTRATION NUMBER: 33,542
 REFERENCE/DOCKET NUMBER: RCD95-02
 TELECOMMUNICATION INFORMATION:
 TELEPHONE: 617-861-6740
 TELEFAX: 617-861-9540
 INFORMATION FOR SEQ ID NO: 1:
 SEQUENCE CHARACTERISTICS:
 LENGTH: 387 amino acids
 TYPE: amino acid
 STRANDEDNESS: single
 TOPOLOGY: linear
 MOLECULE TYPE: peptide
 FOUND USING 'cys' (new.key)

1 match found in sequence:
 US/08-333-977-11 ; Sequence 17; Application US/08333977
 (from "/srch/iaa/5A/COMB.pep")
 Sequence 17, Application US/08333977
 Patent No. 5594108

GENERAL INFORMATION:
 APPLICANT: Van Tol, Hubert H.W.
 CIVILLI, Olivier
 TITLE OF INVENTION: A New Human Dopamine Receptor and Uses
 (from "/srch/iaa/5A/COMB.pep")
 NUMBER OF SEQUENCES: 22
 CORRESPONDENCE ADDRESS:
 ADDRESSEE: Allegretti & Witcoff, Ltd.
 STREET: 10 South Wacker Drive, Suite 3000
 CITY: Chicago
 STATE: Illinois
 COUNTRY: USA
 ZIP: 60606

COMPUTER READABLE FORM:
 MEDIUM TYPE: Floppy disk
 COMPUTER: IBM PC compatible
 OPERATING SYSTEM: PC-DOS/MS-DOS
 SOFTWARE: Patent Release #1.0, Version #1.25
 CURRENT APPLICATION DATA:
 APPLICATION NUMBER: US/08/333,977
 FILING DATE: 03-NOV-1994
 CLASSIFICATION: 530
 PRIOR APPLICATION DATA:
 APPLICATION NUMBER: US 07/626,618
 FILING DATE: 7 DEC 1990
 ATTORNEY/AGENT INFORMATION:
 NAME: No. 559410enan, Kevin E
 REGISTRATION NUMBER: 35,303
 REFERENCE/DOCKET NUMBER: 90,1092
 TELECOMMUNICATION INFORMATION:

-08-434-877-3 ; Sequence 3, Application US/08434877
 from "srch/laa/5A.COMB.pep";
 Sequence 3, Application US/08434877

ENTERED INFORMATION:	
APPLICANT: Christopher L.	ADDRESS: The Upjohn Company, Corp. Intellectual
APPLICANT: Huff, Rita M.	PROPERTY LAW
TITLE OF INVENTION: A Synthetic Gne for D4 Dopamine Receptor Agonist	
NUMBER OF SEQUENCES: 9	CITY: Kalamazoo
CORRESPONDENCE ADDRESS:	STATE: Michigan
ADDRESSEE: Property Law	ZIP: 49001
STREET: 301 Henrietta Street	COMPUTER: Computer Form:
CITY: Kalamazoo	MEDIUM TYPE: Diskette (DS,HD)
STATE: Michigan	COMPUTER: Gateway 2000, PS-90
ZIP: 49001	OPERATING SYSTEM: PC-DOS/MS-DOS
	SOFTWARE: PatentIn Release #1.0, Version #1.25
	CURRENT APPLICATION DATA:
	APPLICATION NUMBER: US/08/434,877
	FILING DATE: 1 July 1993
	CLASSIFICATION: 435
	ATTORNEY/AGENT INFORMATION:
	NAME: Darnley Jr., James B.
	REGISTRATION NUMBER: 33,673
	REFERENCE DOCKET NUMBER: 4700 DV1
	TELECOMMUNICATION INFORMATION:

INVESTIGATIONAL INFORMATION.
 TELEPHONE: 616-385-5210
 TELEX: 224401
 INFORMATION FOR SEQ ID NO: 3:
 SEQUENCE CHARACTERISTICS:
 LENGTH: 387 amino acids
 TYPE: amino acid
 STRANDEDNESS: single
 TOPOLOGY: linear
 MOLECULE TYPE: peptide
 OTHER FEATURES: /
 REFERENCES: /
 PROTEIN ENGINEERING: /
 COMPUTATIONAL METHODS: /
 HOMOLOGUE INFORMATION: /

PPAPRLPQDPGPDCAPAPGLPDPCCSNPAPDAVRAAA
256 2.8

match found in sequence:
65-08-467-083-68 , Sequence 68, Application US/08467083
(firm "archi's SA.COM.ppt")
sequence 68, Application US/08467083

PATENT NO. 5726023
GENERAL INFORMATION:
APPLICANT: Cheever, Martin A.
APPLICANT: Disis, Mary L.
TITLE OF INVENTION: IMMUNE REACTIVITY TO HER-2/NEU PROTEIN FOR DIAGNOSIS AND TREATMENT OF CANCER
TITLE OF INVENTION: HER-2/NEU ONCOGENE IS ASSOCIATED WITH CANCER
NUMBER OF SEQUENCES: 6
CORRESPONDENCE ADDRESS:
ADDRESSEE: Seed and Berry
STREET: 6300 Columbia Center, 701 Fifth Avenue
CITY: Seattle
STATE: Washington
ZIP: 98101

CALL: Seattie
STATE: Washington
COUNTRY: US
ZIP: 98104-7092
COMPUTER READABLE FCRM:

126 147

FILING DATE: 31-MAR-1995

CLASSIFICATION: 424

ATTORNEY/AGENT INFORMATION:

NAME: Sharkey, Richard G.

REGISTRATION NUMBER: 32,629

REFERENCE/DOCKET NUMBER: 920610-448C2

TELECOMMUNICATION INFORMATION:

TELEPHONE: (206) 622-4900

TELEFAX: (206) 682-6031

INFORMATION FOR SEQ ID NO: 68:

SEQUENCE CHARACTERISTICS:

LENGTH: 1255 amino acids

TYPE: amino acid

TOPLOGY: linear

Found using 'cys' '(new.key)

1 match found in sequence:
US-C7-955-905A-24 ; Sequence 24, Application US/079555905A
(from " /schr/1aa/5A_COMB.pep")

Sequence 24, Application US/07955905A

Patent No. 5,770,333

GENERAL INFORMATION:

APPLICANT: RECOMBINANT 47 AND 32 kD COCA PROTEINS AND

TITLE OF INVENTION: PRECURSOR

NUMBER OF SEQUENCES: 28

COMPUTER READABLE FORM:

MEDIUM TYPE: Floppy disk

COMPUTER: IBM PC compatible

OPERATING SYSTEM: PC-DOS/MS-DOS

SOFTWARE: PatentIn Release #1.0, version #1.25 {EPO}

CURRENT APPLICATION DATA:

APPLICATION NUMBER: US/07/955,905A

FILING DATE: 21-JAN-1993

CLASSIFICATION FOR SEQ ID NO: 24:

SEQUENCE CHARACTERISTICS:

LENGTH: 605 amino acids

TYPE: amino acid

TOPOLogy: linear

MOLECULE TYPE: protein

ORIGINAL SOURCE:

ORGANISM: Glycine max

FEATURE:

NAME/KEY: Protein

LOCATION: 1..605

OTHER INFORMATION: /ncte= "V-cilin from G. max"

Found using 'cys' '(new.key)

1 match found in sequence:
US-08-414-417B-68 ; Sequence 68, Application US/0841417B
(from " /schr/1aa/5A_COMB.pep")

Sequence 68, Application US/0841417B

Patent No. 5,801,005

GENERAL INFORMATION:

APPLICANT: Cheever, Martin A.

APPLICANT: Disis, Mary L.

TITLE OF INVENTION: IMMUNE REACTIVITY TO HER-2/neu PROTEIN

TITLE OF INVENTION: FOR DIAGNOSIS AND TREATMENT OF MALIGNANCIES IN WHICH THE

NUMBER OF SEQUENCES: 69

CORRESPONDENCE ADDRESS:

ADDRESSEE: Seed and Berry LLP

STREET: 630C Columbia Center, 701 Fifth Avenue

CITY: Seattle

COUNTRY: US

ZIP: 98104-7092

COMPUTER READABLE FORM:

MEDIUM TYPE: Floppy disk

COMPUTER: IBM PC compatible

OPERATING SYSTEM: PC-DOS/MS-DOS

SOFTWARE: PatentIn Release #1.0, version #1.25

CURRENT APPLICATION DATA:

APPLICATION NUMBER: US/08/484,438

CURRENT APPLICATION DATA:

APPLICATION NUMBER: 07-JUN-1995

CLASSIFICATION: 530

APPLICANT: Misstock, S. Leslie

REGISTRATION NUMBER: 18,872

ATTORNEY/AGENT INFORMATION:

NAME: Misstock, S. Leslie

REFERENCE/DOCKET NUMBER: 5624-230

TELECOMMUNICATION INFORMATION:

TELEPHONE: (212) 730-9090

TELEFAX: (212) 869-8864/9741

TOPOLOGY: unknown
MOLECULE TYPE: protein
Found using 'cys' (new.key)

1 match found in sequence:
US-CA-47-404-2 ; Sequence
(from "/scrch/ia8/5B.COMB.p")
Sequence 2, Application: US/
Patent No. 582454

GENERAL INFORMATION:

APPLICANT: ALBERTSEN, M.
APPLICANT: BEACH, Larry
APPLICANT: HOWARD, John
APPLICANT: HUFFMAN, Gary
TITLE OF INVENTION: Nuc
NUMBER OF SEQUENCES: 8
CORRESPONDENCE ADDRESS:
ADDRESSEE: Pioneer H.
STREET: 700 Capital St
CITY: Des Moines
STATE: Iowa
COUNTRY: U.S.
ZIP: 50309

COMPUTER READABLE FORM:

MEDIUM TYPE: Floppy &
COMPUTER: IBM PC COMP
OPERATING SYSTEM: PC-
SOFTWARE: Patent Re
CURRENT APPLICATION DATA:
APPLICATION NUMBER: U
FILING DATE: 07-JUN-1
PRIOR APPLICATION DATA:
APPLICATION NUMBER: U
FILING DATE: 02-AUG-1
PRIOR APPLICATION DATA:
APPLICATION NUMBER: J
FILING DATE: 12-JCN-1
ATTORNEY/AGENT INFORMATION:
NAME: Sweeney, Patric
REGISTRATION NUMBER:
REFERENCE/DOCKET NUMBER:
TELECOMMUNICATION INFORM:
PHONE: (515) 248-48
TELEFAX: (515) 248-48
INFORMATION FOR SEQ ID NO:
SEQUENCE CHARACTERISTICS
LENGTH: 473 amino acid
TYPE: amino acid
TOPOLGY: linear
Found using 'cys' (new.key)

1 match found in sequence:
US-08-486-348A-68 ; Sequence
(from "/scrch/ia8/5B.COMB.p")
Sequence 2, Application: US/
Patent No. 582454

EDXPXSMFLFCILICVRLXMM
430

PRIOR APPLICATION DATA:

APPLICATION NUMBER: C7/831,967

FILING DATE: 06-FEB-1992

ATTORNEY/AGENT INFORMATION:

NAME: Pitcher, Edmund R.

REGISTRATION NUMBER: 27,826

REFERENCE/DOCKET NUMBER: CRP-053

TELECOMMUNICATION INFORMATION:

TELEPHONE: (617) 248-7600

TELEFAX: (617) 248-7100

INFORMATION FOR SEQ ID NO: 2:

SEQUENCE CHARACTERISTICS:

LENGTH: 1255 amino acids

TYPE: amino acid

TCPOLOGY: linear

MOLECULE TYPE: protein

found using 'cys' (new.key)

5 PEGRTFGASCVTACPVNLYSTDVGSTCLVCPHLNQEVTAE
3:5

match found in sequence:

S-08-487-81A-9 ; Sequence 9, Application US/08487811A
(from "/srch/iaa/5B/COMB.pep";
Sequence 11, Application US/08487811A

GENERAL INFORMATION:

APPLICANT: Civelli, Olivier

ATTORNEY/AGENT INFORMATION:

NAME: Van Tol, Hubert H.M.

NUMBER OF SEQUENCES: 24

CORRESPONDENCE ADDRESS:

ADDRESSEE: McDonnell Boehm Hubert & Berghoff

STREET: 330 South Wacker Drive

CITY: Chicago

STATE: IL

COUNTRY: USA

ZIP: 60606

COMPUTER READABLE FORM:

MEDIUM TYPE: Floppy disk

COMPUTER: IBM PC compatible

OPERATING SYSTEM: PC-DOS/MS-DOS

SOFTWARE: PatentIn Release #1.0, Version: #1.25

CURRENT APPLICATION DATA:

APPLICATION NUMBER: US/08/487,811A

FILING DATE: 07-JUN-1995

CLASSIFICATION: 530

ATTORNEY/AGENT INFORMATION:

NAME: No. 5883261an, Kevin E

REGISTRATION NUMBER: 35,303

REFERENCE/DOCKET NUMBER: 90,1092-L

TELECOMMUNICATION INFORMATION:

TELEPHONE: 312-913-0001

TELEFAX: 312-913-0002

TELEX:

INFORMATION FOR SEQ ID NO: 11:

SEQUENCE CHARACTERISTICS:

LENGTH: 219 amino acids

TYPE: amino acid

TCPOLOGY: linear

MOLECULE TYPE: protein

Found using 'cys' (new.key)

1:5 PPA2RPLQDPGPDCAAPPAGLPRGPGLPQQPCPDCAPPAPGZPPDPCG
125 145 157 161

175 SNCAAPPDAVRAAA
177

match found in sequence:

US-08-487-81A-13 ; Sequence 13, Application US/08487811A
(from "/srch/iaa/5B/COMB.pep";
Sequence 13, Application US/08487811A

GENERAL INFORMATION:

APPLICANT: Civelli, Olivier

ATTORNEY/AGENT INFORMATION:

NAME: Van Tol, Hubert H.M.

NUMBER OF SEQUENCES: 24

CORRESPONDENCE ADDRESS:

ADDRESSEE: McDonnell Boehm Hubert & Berghoff

STREET: 330 South Wacker Drive

CITY: Chicago

STATE: IL

COUNTRY: USA

ZIP: 60606

COMPUTER READABLE FORM:

MEDIUM TYPE: Floppy disk

COMPUTER: IBM PC compatible

OPERATING SYSTEM: PC-DOS/MS-DOS

SOFTWARE: PatentIn Release #1.0, Version: #1.25

CURRENT APPLICATION DATA:

APPLICATION NUMBER: US/08/487,811A

FILING DATE: 07-JUN-1995

CLASSIFICATION: 530

ATTORNEY/AGENT INFORMATION:

NAME: No. 5883261an, Kevin E

REGISTRATION NUMBER: 35,303

TCPOLOGY: linear

MOLECULE TYPE: protein

found using 'cys' (new.key)

TELEX:

INFORMATION FOR SEQ ID NO: 9:

SEQUENCE CHARACTERISTICS:

LENGTH: 187 amino acids

TYPE: amino acid

TCPOLOGY: linear

MOLECULE TYPE: protein

found using 'cys' (new.key)

5 PAPRLPDPGDPGDCAPPAGLPPDPCGSCNCA?PDAVRAAA
5

ADDRESSEE: McDonnell Boehnen Hulbert & Berghoff
 STREET: 300 South Wacker Drive
 STATE: IL
 CITY: Chicago
 COUNTRY: USA

ZIP: 60606
 COMPUTER READABLE FORM:
 COMPUTER: IBM PC compatible

OPERATING SYSTEM: PC-DOS/MS-DOS

SOFTWARE: Patent-in Release #1.0, Version #1.25

CURRENT APPLICATION DATA:
 APPLICATION NUMBER: US/C8/487,81A

FILING DATE: 07-JUN-1995

CLASSIFICATION: 530

ATTORNEY/AGENT INFORMATION:
 NAME: No. 5883226an, Kevin E.

REGISTRATION NUMBER: 35,303

REGISTRATION/DOCKET NUMBER: 90,1092-L

TELECOMMUNICATION INFORMATION:
 TELEPHONE: 312-913-0001

TELEFAX: 312-913-0002

TELEX:

INFORMATION FOR SEQ ID NO: 13:

SEQUENCE CHARACTERISTICS:
 LENGTH: 267 amino acids

TYPE: amino acid

TOPOLOGY: linear

MOLECULE TYPE: protein

Found using 'cys' (new.key)

...
 ...
 ...

match found in sequence:
 US-C8-487,81A-18 ; Sequence 18, Application US/C848781-A

(from "/srch/iaa/5B/COMB.pep")

Sequence 18, Application US/C848781-A

GENERAL INFORMATION:

APPLICANT: Van Tol, Hubert H.M.

TITLE OF INVENTION: A No. 5883226el Human Dopamine Receptor and Uses

NUMBER OF SEQUENCES: 24

CORRESPONDENCE ADDRESS:

ADDRESSEE: McDonnell Boehnen Hulbert & Berghoff

STREET: 300 South Wacker Drive

CITY: Chicago

STATE: IL

COUNTRY: USA

ZIP: 60606

COMPUTER READABLE FORM:
 COMPUTER: IBM PC compatible

OPERATING SYSTEM: PC-DOS/MS-DOS

SOFTWARE: Parent In Release #1.0, Version #1.25

CURRENT APPLICATION DATA:

APPLICATION NUMBER: US/C8/487,81A

FILING DATE: 07-JUN-1995

CLASSIFICATION: 530

ATTORNEY/AGENT INFORMATION:
 NAME: No. 5883226an, Kevin E.

REGISTRATION NUMBER: 35,303

REGISTRATION/DOCKET NUMBER: 90,1092-L

TELECOMMUNICATION INFORMATION:
 TELEPHONE: 312-913-0002

TELEFAX: 312-913-0001

TELEX:

INFORMATION FOR SEQ ID NO: 20:

SEQUENCE CHARACTERISTICS:
 LENGTH: 419 amino acids

TYPE: amino acid

TOPOLOGY: linear

MOLECULE TYPE: protein

Found using 'cys' (new.key)

...
 ...
 ...

APPLICATION NUMBER: US/06/487,811A

FILING DATE: 07-JUN-1995

CLASSIFICATION: 530

ATTORNEY/AGENT INFORMATION:
 NAME: No. 5883226an, Kevin E.

REGISTRATION NUMBER: 35,303

REGISTRATION/DOCKET NUMBER: 90,1092-L

TELECOMMUNICATION INFORMATION:
 TELEPHONE: 312-913-0001

TELEFAX: 312-913-0002

TELEX:

INFORMATION FOR SEQ ID NO: 18:

SEQUENCE CHARACTERISTICS:
 LENGTH: 387 amino acids

TYPE: amino acid

TOPOLOGY: linear

MOLECULE TYPE: protein

Found using 'cys' (new.key)

...
 ...
 ...

3 matches found in sequence:
 US-C8-487,811-20 ; Sequence 20, Application US/C848781A

(from "/srch/iaa/5B/COMB.pep")

Sequence 20, Application US/C848781A

GENERAL INFORMATION:

APPLICANT: Civelli, Olivier

TITLE OF INVENTION: A No. 5883226el Human Dopamine Receptor and Uses

NUMBER OF SEQUENCES: 24

CORRESPONDENCE ADDRESS:

ADDRESSEE: McDonnell Boehnen Hulbert & Berghoff

STREET: 300 South Wacker Drive

CITY: Chicago

STATE: IL

COUNTRY: USA

ZIP: 60606

COMPUTER READABLE FORM:
 COMPUTER: IBM PC compatible

OPERATING SYSTEM: PC-DOS/MS-DOS

SOFTWARE: Parent In Release #1.0, Version #1.25

CURRENT APPLICATION DATA:

APPLICATION NUMBER: US/C8/487,81A

FILING DATE: 07-JUN-1995

CLASSIFICATION: 530

ATTORNEY/AGENT INFORMATION:
 NAME: No. 5883226an, Kevin E.

REGISTRATION NUMBER: 35,303

REGISTRATION/DOCKET NUMBER: 90,1092-L

TELECOMMUNICATION INFORMATION:
 TELEPHONE: 312-913-0002

TELEFAX: 312-913-0001

TELEX:

INFORMATION FOR SEQ ID NO: 258:

SEQUENCE CHARACTERISTICS:
 LENGTH: 387 amino acids

TYPE: amino acid

TOPOLOGY: linear

MOLECULE TYPE: protein

Found using 'cys' (new.key)

...
 ...
 ...

248 PPAPRLPQDGPGDCAAPPAPGLPRGPGLPQDPGQDCAAPAPSLIDQDPGQDCAAPAPGLPPDPCG
256 274 278 290 294

308 SNCAPPDAVRAAA
310 310

6 matches found in sequence:
US-08-487-81A-22 ; Sequence 22, Application US/2848781A
(from " /srch/iaa/5B_CoNB_Pep");
Sequence 22, Application US/CS848781A
Patent No. 588326

GENERAL INFORMATION:
APPLICANT: Civelli, Olivier
APPLICANT: Van Tol, Hubert H.M.
TITLE OF INVENTION: A N.C. 5663226el Human Dopamine Receptor and Uses
NUMBER OF SEQUENCES: 24
CORRESPONDENCE ADDRESS:
ADDRESSEE: McDonnell Boehm, Hubert & Berghoff
STREET: 300 South Wacker Drive
CITY: Chicago
STATE: IL USA
COUNTRY: USA
ZIP: 60606

COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy disk
COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: PatentIn Release #1.0, Version #1.25
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/28/487/81A
FILING DATE: 07-JCN-1995
CLASSIFICATION: 530

ATTORNEY/AGENT INFORMATION:
NAME: NO 5883226nan, Kevin E
REGISTRATION NUMBER: 35,303
REFERENCE/DOCKET NUMBER: 90,1092-L
TELECOMMUNICATION INFORMATION:
TELEPHONE: 312-913-0000;
TELEFAX: 312-913-0002

TELEX:
INFORMATION FOR SEQ ID NO: 22:
SEQUENCE CHARACTERISTICS:
LENGTH: 467 amino acids
TYPE: amino acid
TOPOLOGY: linear
MOLECULE TYPE: protein

Found using 'cys' (new key)

1 match found in sequence:
US-08-475-35 ; Sequence 35, Application US/08475035
(from " /srch/iaa/5B_CoNB_Pep");
Sequence 35, Application US/08475035
Patent No. 555553

GENERAL INFORMATION:
APPLICANT: KLAUS, MATTHIAS H.
APPLICANT: KLAUS, MATTHIAS H.
APPLICANT: AARONSON, STUART A.
TITLE OF INVENTION: HUMAN GENE RELATED TO BUT DISTINCT FROM
TITLE OF INVENTION: EGF RECEPTOR GENE
NUMBER OF SEQUENCES: 4
CORRESPONDENCE ADDRESS:
ADDRESSEE: NEEDLE & ROSENBERG, P.C.
STREET: Suite 1200, 127 Peachtree Street
CITY: Atlanta
STATE: Georgia
COUNTRY: USA

1 match found in sequence:
US-39-146-283-4 ; Sequence 4, Application US/09146283
(" /srch/iaa/5B_CoNB_Pep");
Sequence 4, Application US/C9-46283
Patient No. 5976516

GENERAL INFORMATION:
APPLICANT: Laus, Reiner
APPLICANT: Ruegg, Curtis L.
APPLICANT: Wu, HongYi
TITLE OF INVENTION: Immunostimulatory Compositions
CORRESPONDENCE ADDRESS:
ADDRESSEE: Dehlinger & Associates
STREET: 350 Cambridge Ave. Suite 250
CITY: Palo Alto
STATE: CA
COUNTRY: USA
ZIP: 94306

COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy disk
COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: PatentIn Release #1.0, Version #1.25
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/09/146,283
FILING DATE: 03-SEPT-1995
CLASSIFICATION: 536

ATTORNEY/AGENT INFORMATION:
NAME: Judge, Linda R.
REGISTRATION NUMBER: 42,702
REFERENCE/DOCKET NUMBER: 7636-0C1C-21
TELECOMMUNICATION INFORMATION:
TELEPHONE: 650-324-1880
TELEFAX: 650-324-0960

- INFORMATION FOR SEQ ID NO: 4 :
- SEQUENCE CHARACTERISTICS:
LENGTH: 782 amino acids
TYPE: amino acid
TOPOLOGY: linear
MOLECULE TYPE: protein
HYPOTHETICAL: NO
ORIGINAL SOURCE:
ORGANISM: homo sapiens
INDIVIDUAL: ISOLATE: GM-CSF-Her-2 fusion protein; Fig. 8
Found using 'cys' (new key)

265 PEGRTFGASCVTACPYNLYSTDVGSCTLVCPJHNEVTAE
295 315

1 match found in sequence:
US-08-475-35 ; Sequence 4, Application US/08475035
(from " /srch/iaa/5B_CoNB_Pep");
Sequence 4, Application US/08475035
Patent No. 555553

GENERAL INFORMATION:
APPLICANT: KING, C. R.
APPLICANT: KLAUS, MATTHIAS H.
APPLICANT: KLAUS, MATTHIAS H.
APPLICANT: AARONSON, STUART A.
TITLE OF INVENTION: HUMAN GENE RELATED TO BUT DISTINCT FROM
TITLE OF INVENTION: EGF RECEPTOR GENE
NUMBER OF SEQUENCES: 4
CORRESPONDENCE ADDRESS:
ADDRESSEE: NEEDLE & ROSENBERG, P.C.
STREET: Suite 1200, 127 Peachtree Street
CITY: Atlanta
STATE: Georgia
COUNTRY: USA

1 match found in sequence:
US-39-146-283-4 ; Sequence 4, Application US/09146283
(" /srch/iaa/5B_CoNB_Pep");
Sequence 4, Application US/C9-46283
Patient No. 5976516

GENERAL INFORMATION:
APPLICANT: Laus, Reiner
APPLICANT: Ruegg, Curtis L.
APPLICANT: Wu, HongYi
TITLE OF INVENTION: Immunostimulatory Compositions
CORRESPONDENCE ADDRESS:
ADDRESSEE: Dehlinger & Associates
STREET: 350 Cambridge Ave. Suite 250
CITY: Palo Alto
STATE: CA
COUNTRY: USA
ZIP: 94306

COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy disk
COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: PatentIn Release #1.0, Version #1.25
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/09/146,283
FILING DATE: 03-SEPT-1995
CLASSIFICATION: 536

ATTORNEY/AGENT INFORMATION:
NAME: Judge, Linda R.
REGISTRATION NUMBER: 42,702
REFERENCE/DOCKET NUMBER: 7636-0C1C-21
TELECOMMUNICATION INFORMATION:
TELEPHONE: 650-324-1880
TELEFAX: 650-324-0960

- INFORMATION FOR SEQ ID NO: 4 :
- SEQUENCE CHARACTERISTICS:
LENGTH: 782 amino acids
TYPE: amino acid
TOPOLOGY: linear
MOLECULE TYPE: protein
HYPOTHETICAL: NO
ORIGINAL SOURCE:
ORGANISM: homo sapiens
INDIVIDUAL: ISOLATE: GM-CSF-Her-2 fusion protein; Fig. 8
Found using 'cys' (new key)

265 PEGRTFGASCVTACPYNLYSTDVGSCTLVCPJHNEVTAE
295 315

1 match found in sequence:
US-08-475-35 ; Sequence 4, Application US/08475035
(from " /srch/iaa/5B_CoNB_Pep");
Sequence 4, Application US/08475035
Patent No. 555553

GENERAL INFORMATION:
APPLICANT: KING, C. R.
APPLICANT: KLAUS, MATTHIAS H.
APPLICANT: KLAUS, MATTHIAS H.
APPLICANT: AARONSON, STUART A.
TITLE OF INVENTION: HUMAN GENE RELATED TO BUT DISTINCT FROM
TITLE OF INVENTION: EGF RECEPTOR GENE
NUMBER OF SEQUENCES: 4
CORRESPONDENCE ADDRESS:
ADDRESSEE: NEEDLE & ROSENBERG, P.C.
STREET: Suite 1200, 127 Peachtree Street
CITY: Atlanta
STATE: Georgia
COUNTRY: USA

1 match found in sequence:
US-39-146-283-4 ; Sequence 4, Application US/09146283
(" /srch/iaa/5B_CoNB_Pep");
Sequence 4, Application US/C9-46283
Patient No. 5976516

GENERAL INFORMATION:
APPLICANT: Laus, Reiner
APPLICANT: Ruegg, Curtis L.
APPLICANT: Wu, HongYi
TITLE OF INVENTION: Immunostimulatory Compositions
CORRESPONDENCE ADDRESS:
ADDRESSEE: Dehlinger & Associates
STREET: 350 Cambridge Ave. Suite 250
CITY: Palo Alto
STATE: CA
COUNTRY: USA
ZIP: 94306

COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy disk
COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: PatentIn Release #1.0, Version #1.25
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/09/146,283
FILING DATE: 03-SEPT-1995
CLASSIFICATION: 536

ATTORNEY/AGENT INFORMATION:
NAME: Judge, Linda R.
REGISTRATION NUMBER: 42,702
REFERENCE/DOCKET NUMBER: 7636-0C1C-21
TELECOMMUNICATION INFORMATION:
TELEPHONE: 650-324-1880
TELEFAX: 650-324-0960

- INFORMATION FOR SEQ ID NO: 4 :
- SEQUENCE CHARACTERISTICS:
LENGTH: 782 amino acids
TYPE: amino acid
TOPOLOGY: linear
MOLECULE TYPE: protein
HYPOTHETICAL: NO
ORIGINAL SOURCE:
ORGANISM: homo sapiens
INDIVIDUAL: ISOLATE: GM-CSF-Her-2 fusion protein; Fig. 8
Found using 'cys' (new key)

265 PEGRTFGASCVTACPYNLYSTDVGSCTLVCPJHNEVTAE
295 315

1 match found in sequence:
US-08-475-35 ; Sequence 4, Application US/08475035
(from " /srch/iaa/5B_CoNB_Pep");
Sequence 4, Application US/08475035
Patent No. 555553

GENERAL INFORMATION:
APPLICANT: KING, C. R.
APPLICANT: KLAUS, MATTHIAS H.
APPLICANT: KLAUS, MATTHIAS H.
APPLICANT: AARONSON, STUART A.
TITLE OF INVENTION: HUMAN GENE RELATED TO BUT DISTINCT FROM
TITLE OF INVENTION: EGF RECEPTOR GENE
NUMBER OF SEQUENCES: 4
CORRESPONDENCE ADDRESS:
ADDRESSEE: NEEDLE & ROSENBERG, P.C.
STREET: Suite 1200, 127 Peachtree Street
CITY: Atlanta
STATE: Georgia
COUNTRY: USA

ZIP: 30303
 COMPUTER READABLE FORM:
 MEDIUM TYPE: Floppy disk
 OPERATING SYSTEM: PC-DOS/MS-DOS
 SOFTWARE: PatentIn Release #1.0, Version #1.30
 CURRENT APPLICATION DATA:
 APPLICATION NUMBER: US/08/475,335
 FILING DATE: 7-Jun-1995
 CLASSIFICATION: 435
 ATTORNEY/AGENT INFORMATION:
 NAME: Perryman, David G.
 REGISTRATION NUMBER: 33,438
 REFERENCE DOCKET NUMBER: 1414-656
 TELECOMMUNICATION INFORMATION:
 TELEPHONE: 404/688-0770
 TELEFAX: 404/688-9880
 INFORMATION FOR SEQ ID NO: 4:
 SEQUENCE CHARACTERISTICS:
 LENGTH: 1210 amino acids
 TYPE: amino acid
 TOPOLOGY: linear
 MOLECULE TYPE: protein
 FOUND USING 'cys' (new.key)

281 PEGYSFGATVKKCPNNYVTDHGSVRAGDSVMEED
 311
 GENERAL INFORMATION:
 1 match found in sequence:
 US-08-422-108-1; Sequence 1, Application: US/C8422108
 (from "sch/iaa/6A.COMB..pep")
 Patent No. 6015567
 PATENT NO.: 6015567
 CURRENT INFORMATION:
 APPLICANT: Hudzak, Robert M.
 APPLICANT: Shepard, H. Michael
 APPLICANT: Ulrich, Axel
 TITLE OF INVENTION: HER2 EXTRACELLULAR DOMAIN
 NUMBER OF SEQUENCES: 2
 CURRENT APPLICATION DATA:
 CORRESPONDENCE ADDRESS:
 ADDRESSEE: Genentech, Inc.
 STREET: 460 Point San Bruno Blvd
 CITY: South San Francisco
 STATE: California
 COUNTRY: USA
 ZIP: 94030
 COMPUTER READABLE FORM:
 MEDIUM TYPE: 3.5 inch, 1.44 MB floppy disk
 COMPUTER: IBM PC compatible
 OPERATING SYSTEM: PC-DOS/MS-DCS
 SOFTWARE: WinPatin (Genentech)
 CURRENT APPLICATION DATA:
 APPLICATION NUMBER: US/08/422,108
 FILING DATE: 14-Apr-1995
 CLASSIFICATION: 435
 PRIOR APPLICATION DATA:
 APPLICATION NUMBER: 08/355460
 FILING DATE: 13-DEC-1994
 PRIOR APPLICATION DATA:
 APPLICATION NUMBER: 08/048346
 FILING DATE: 15-APR-1993
 PRIOR APPLICATION DATA:
 APPLICATION NUMBER: 07/354319
 FILING DATE: 19-MAY-1999
 ATTORNEY/AGENT INFORMATION:
 NAME: Lee, Wendy M
 REGISTRATION NUMBER: 00,000

REFERENCE/DOCKET NUMBER: 554C2D2
 TELECOMMUNICATION INFORMATION:
 TELEPHONE: 415/725-1994
 TELEFAX: 415/952-988;
 TELEX: 910/371-7168
 INFORMATION FOR SEQ ID NO: 1:
 SEQUENCE CHARACTERISTICS:
 LENGTH: 624 amino acids
 TYPE: amino acid
 TOPOLOGY: Linear
 FOUND USING 'cys' (new.key)

264 PEGRY-FGASCVTACPYNLYSTDVGSTLVCPHNQVTAE
 274
 1 match found in sequence:
 US-08-466-68B-68 ; Sequence 68, Application: US/084666808
 (from "sch/iaa/6A.COMB..pep")
 Sequence 68, Application: US/084666803
 Patent No. 6075122
 GENERAL INFORMATION:
 APPLICANT: Cheever, Martin A.
 APPLICANT: Disis, Mary L.
 TITLE OF INVENTION: IMMUNE REACTIVITY TO HER-2/neu PROTEIN
 FOR DIAGNOSIS AND TREATMENT OF MALIGNANCIES IN WHICH THIS
 HER-2/neu ONCOGENE IS ASSOCIATED
 NUMBER OF SEQUENCES: 69
 CORRESPONDENCE ADDRESS:
 ADDRESS: Seed and Berry LLP
 STREET: 6300 Columbia Center, 701 Fifth Avenue
 CITY: Seattle
 STATE: Washington
 COUNTRY: US
 ZIP: 98104-7092
 COMPUTER READABLE FORM:
 MEDIUM TYPE: Floppy disk
 COMPUTER: IBM PC compatible
 OPERATING SYSTEM: PC-DCS/MS-DOS
 SOFTWARE: PatentIn Release #1.0, Version #1.25
 CURRENT APPLICATION DATA:
 APPLICATION NUMBER: US/08/466,6808
 FILING DATE: 06-JUN-1995
 CLASSIFICATION: 424
 ATTORNEY/AGENT INFORMATION:
 NAME: Sharkey, Richard G.
 REGISTRATION NUMBER: 32,659
 REFERENCE/DOCKET NUMBER: 92-0010-446C4
 TELECOMMUNICATION INFORMATION:
 TELEPHONE: (206) 622-45CC
 TELEFAX: (206) 682-6031
 INFORMATION FOR SEQ ID NO: 68:
 SEQUENCE CHARACTERISTICS:
 LENGTH: 1255 amino acids
 TYPE: amino acid
 TOPOLOGY: Linear
 FOUND USING 'cys' (new.key)

285 PEGRY-FGASCVTACPYNLYSTDVGSTLVCPHNQVTAE
 295
 1 match found in sequence:

US-08-579-823A-4 ; Sequence 4, Application US/08579823A
 (from "srch/iaa/6A COMB Dep")

Sequence 4, Application US/08579823A

Patent No. 6,084,539

GENERAL INFORMATION:

APPLICANT: Reiner, Reiner

APPLICANT: Wu, Hongyu

APPLICANT: Wuerger, Curtiss J.

ADDRESS: Dehlinger & Associates

STREET: 1560 Cambridge Ave. Suite 250

CITY: Palo Alto

STATE: CA

ZIP: 94306

COMPUTER READABLE FORM:

COMPUTER: IBM PC compatible

OPERATING SYSTEM: PC-DOS/MS-DOS

SOFTWARE: Patentin Release #i: 0, version: #2.25

CURRENT APPLICATION DATA:

APPLICATION NUMBER: US/08/579-823A

FILING DATE: 03-DEC-1998

CLASSIFICATION: 536

ATTORNEY/AGENT INFORMATION:

NAME: Judge, Linda R.

REFERENCE/DOCKET NUMBER: 42-702

TELECOMMUNICATION INFORMATION:

TELEPHONE: 650-324-0980

TELEFAX: 650-324-0960

INFORMATION FOR SEQ ID NO: 4 :

SEQUENCE CHARACTERISTICS:

LENGTH: 782 amino acids

TYPE: amino acid

TOPOLOGY: linear

MOLECULE TYPE: protein

HYPOTHETICAL: NO

ORIGINAL SOURCE:

ORGANISM: homo sapiens

INDIVIDUAL ISOLATE: GM-CSF-Herr-2 fusion protein; Fig. 8

FOUND using 'cys' (new.key)

...
 2 : match found in sequence:
 US-08-579-823A-4 ; Sequence 1, Application US/08579823A
 (from "srch/iaa/6A COMB Dep")
 Sequence 1, Application US/08579823A
 Patent No. 6,084,539
 GENERAL INFORMATION:
 APPLICANT: DEETH, RICHARD
 TITLE OF INVENTION: METHODS AND MATERIALS FOR THE DIAGNOSIS AND TREATMENT OF SCHIZOPHRENIA AND RELATED DISORDERS
 NUMBER OF SEQUENCES: 1
 CORRESPONDENCE ADDRESS:
 ADDRESS: Weingarten, Schurrgin, Gagnebin & Hayes
 STREET: 200 Post Office Square
 CITY: Boston
 STATE: MA
 COUNTRY: USA
 ZIP: 02109
 COMPUTER READABLE FORM:
 MEDIUM TYPE: Diskette

COMPUTER: IBM Compatible
 OPERATING SYSTEM: DOS
 SOFTWARE: PastSeq for Windows Version 2.0
 CURRENT APPLICATION DATA:
 APPLICATION NUMBER: US/08/833,725
 FILING DATE: 08-APR-1997
 CLASSIFICATION: 435
 PRIOR APPLICATION DATA:
 APPLICATION NUMBER:
 FILING DATE:
 ATTORNEY/AGENT INFORMATION:
 NAME: Heine, Ph.D., Holliday C
 REGISTRATION NUMBER: 34,346
 REFERENCE/DOCKET NUMBER: NC-431XX
 TELECOMMUNICATION INFORMATION:
 TELEPHONE: 617-542-2290
 TELEFAX: 617-451-9313
 -TELEX:
 -TELEX:
 INFORMATION FOR SEQ ID NO: 1 :
 SEQUENCE CHARACTERISTICS:
 LENGTH: 387 amino acids
 TYPE: amino acid
 STRANDEDNESS: single
 TOPOLOGY: linear
 Found using 'cys' (new.key)
 ...
 2 : match found in sequence:
 PPA2RLPQDPGPDCAAPAGLPPDPPGSNCAPPDAWRAAA
 258 278
 248 PPA2RLPQDPGPDCAAPAGLPPDPPGSNCAPPDAWRAAA
 258 278
 ...
 1 : match found in sequence:
 US-CB-475-742-4 ; Sequence 4, Application: US/08475742
 (from "srch/iaa/6A COMB pep")
 Sequence 4, Application US/08475742
 Patent No. 6,210,015
 GENERAL INFORMATION:
 APPLICANT: O'Malley, Karen L.
 APPLICANT: Tocino, Richard D
 TITLE OF INVENTION: Gene Encoding the Rat Dopamine D₄ Receptor
 FILE REFERENCE: WU 102 CON DIV
 CURRENT APPLICATION NUMBER: US/08/475,742
 CURRENT FILING DATE: 1395-06-07
 EARLIER APPLICATION NUMBER: US 09/261,293
 EARLIER FILING DATE: 1394-06-16
 EARLIER APPLICATION NUMBER: US 08/314,013
 EARLIER FILING DATE: 1393-01-28
 NUMBER OF SEQ ID NOS: 16
 SOFTWARE: Patentin Ver. 2.0
 SEQ ID NO: 4
 LENGTH: 387
 TYPE: PRF
 ORGANISM: Artificial Sequence
 FEATURE:
 NAME/KEY: PEPTIDE
 LOCATION: (1) .. (387)
 OTHER INFORMATION: Human D₄ Receptor Protein
 Found using 'cys' (new.key)
 ...
 2 : match found in sequence:
 PPA2RLPQDPGPDCAAPAGLPPDPPGSNCAPPDAWRAAA
 258 278
 248 PPA2RLPQDPGPDCAAPAGLPPDPPGSNCAPPDAWRAAA
 258 278
 ...
 1 : match found in sequence:

US-09-360-694-3 ; Sequence 9, Application JS/C9060694
 (from "srch,iaa/6A COVB.pep")
 Sequence 9, Application US/09060694
 PATENT NO. 62039898
 GENERAL INFORMATION:
 APPLICANT: Civelli, Olivier
 ATTORNEY/AGENT: Van Tol, Hubert H.W.
 TITLE OF INVENTION: A No. 62039881 Human Dopamine Receptor and Uses
 NUMBER OF SEQUENCES: 24
 CORRESPONDENCE ADDRESS:
 ADDRESSEE: McDonnell Boehnen Hulbert & Berghoff
 STREET: 300 South Wacker Drive
 CITY: Chicago
 STATE: IL
 COUNTRY: USA
 ZIP: 60606
 COMPUTER READABLE FORM:
 MEDIUM TYPE: Floppy disk
 COMPUTER: IBM PC compatible
 OPERATING SYSTEM: PC-DOS/MS-DOS
 SOFTWARE: Patent In Release #1.C, Version #1.25
 CURRENT APPLICATION DATA:
 APPLICATION NUMBER: US/09/060,694
 FILING DATE: 15-APR-1998
 CLASSIFICATION: 530
 ATTORNEY/AGENT INFORMATION:
 NAME: No. 62039898, Kevin E
 REGISTRATION NUMBER: 35,303
 REFERENCE/DOCKET NUMBER: 90,1092-MM
 TELECOMMUNICATION INFORMATION:
 TELEPHONE: 312-913-3000
 TELEX: 312-913-0002
 TELEFAX:
 INFORMATION FOR SEQ ID NO: 9:
 LENGTH: 187 amino acids
 TYPE: amino acid
 TOPOLOGY: linear
 MOLECULE TYPE: protein
 Found using 'cys' (new.key)
 . . .
 115 PPAPRPPDPCGPDCAAPPAGLPPDPGSNCAFPDAVRAA
 i25 145 157 161
 . . .
 3 matches found in sequence:
 Sequence 11, Application JS/C9060694
 (from "srch,iaa/6A COVB.pep")
 Sequence 11, Application US/09060694
 PATENT NO. 62039898
 GENERAL INFORMATION:
 APPLICANT: Civelli, Olivier
 ATTORNEY/AGENT: Van Tol, Hubert H.W.
 TITLE OF INVENTION: A No. 62039881 Human Dopamine Receptor and Uses
 NUMBER OF SEQUENCES: 24
 CORRESPONDENCE ADDRESS:
 ADDRESSEE: McDonnell Boehnen Hulbert & Berghoff
 STREET: 300 South Wacker Drive
 CITY: Chicago
 STATE: IL
 COUNTRY: USA
 ZIP: 60606
 COMPUTER READABLE FORM:
 MEDIUM TYPE: Floppy disk
 COMPUTER: IBM PC compatible
 OPERATING SYSTEM: PC-DOS/MS-DOS
 SOFTWARE: Patent In Release #1.C, Version #1.25
 CURRENT APPLICATION DATA:
 APPLICATION NUMBER: US/09/060,694
 FILING DATE: 15-APR-1998
 CLASSIFICATION: 530
 ATTORNEY/AGENT INFORMATION:
 NAME: No. 62039898, Kevin E
 REGISTRATION NUMBER: 35,303
 REFERENCE/DOCKET NUMBER: 90,1092-MM
 TELECOMMUNICATION INFORMATION:
 TELEPHONE: 312-913-3000
 TELEX: 312-913-0002
 INFORMATION FOR SEQ ID NO: 13:
 LENGTH: 267 amino acids
 TYPE: amino acid
 TOPOLOGY: linear

MOLECULE TYPE: Protein
Found using 'cys' (new.key)

3 matches found in sequence:
US-09-050-694-20 ; Sequence 20, Application US/09060694
(from "srch/iaa/6A COMB pep")
Sequence 20, Application US/09060694
Patent No. 6203998

GENERAL INFORMATION:

APPLICANT: Civelli, Olivier
APPLICANT: Van Tol, Hubert H.M.
TITLE OF INVENTION: A No. 6203998e1 Human Dopamine Receptor and Uses
NUMBER OF SEQUENCES: 24

CORRESPONDENCE ADDRESS:

ADDRESSEE: McDonnell Boehnen Hulbert & Bergroff
STREET: 300 South Wacker Drive
CITY: Chicago
STATE: IL
COUNTRY: USA
ZIP: 60606

COMPUTER READABLE FORM:

MEDIUM TYPE: Floppy disk
COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC DOS/MS-DOS
SOFTWARE: Patent Release #1.25, Version #1.25
CURRENT APPLICATION DATA:

APPLICATION NUMBER: US/09/060,694
FILING DATE: 15-APR-1998
CLASSIFICATION: 530
ATTORNEY/AGENT INFORMATION:

NAME: No. 6203998e1, Kevin E
REGISTRATION NUMBER: 35,303
REFERENCE/DOCKET NUMBER: 90,1C92-MM
TELECOMMUNICATION INFORMATION:

TELEPHONE: 312-913-0002
TELEFAX: 312-913-0002
TELEX:

INFORMATION FOR SEQ ID NO: 20:

SEQUENCE CHARACTERISTICS:

LENGTH: 419 amino acids
TYPE: amino acid
TOPOLOGY: linear

MOLECULE TYPE: protein
Found using 'cys' (new.key)

...
...

1 match found in sequence:
US-09-050-694-18 ; Sequence 18, Application US/C9060694
(from "srch/iaa/6A COMB pep")
Sequence 18, Application US/09060694
Patent No. 6203998

GENERAL INFORMATION:

APPLICANT: Civelli, Olivier
APPLICANT: Van Tol, Hubert H.M.
TITLE OF INVENTION: A No. 6203998e1 Human Dopamine Receptor and Uses
NUMBER OF SEQUENCES: 24

CORRESPONDENCE ADDRESS:

ADDRESSEE: McDonnell Boehnen Hulbert & Bergroff
STREET: 300 South Wacker Drive
CITY: Chicago
STATE: IL
COUNTRY: USA
ZIP: 60606

COMPUTER READABLE FORM:

MEDIUM TYPE: Floppy disk
COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC DOS/MS-DOS
SOFTWARE: Patent Release #1.0, Version #1.25
CURRENT APPLICATION DATA:

APPLICATION NUMBER: US/09/060,694
FILING DATE: 15-APR-1998
CLASSIFICATION: 530
ATTORNEY/AGENT INFORMATION:

NAME: No. 6203998e1, Kevin E
REGISTRATION NUMBER: 35,303
REFERENCE/DOCKET NUMBER: 90,1C92-MM
TELECOMMUNICATION INFORMATION:

TELEPHONE: 312-913-0001
TELEFAX: 312-913-0002
TELEX:

INFORMATION FOR SEQ ID NO: 18:

SEQUENCE CHARACTERISTICS:

LENGTH: 387 amino acids
TYPE: amino acid
TOPOLOGY: linear

MOLECULE TYPE: protein
Found using 'cys' (new.key)

...
...

6 matches found in sequence:
US-09-050-694-22 ; Sequence 22, Application US/09060694
(from "srch/iaa/6A COMB pep")
Sequence 22, Application US/09060694
Patent No. 6203998

GENERAL INFORMATION:

APPLICANT: Civelli, Olivier
APPLICANT: Van Tol, Hubert H.M.
TITLE OF INVENTION: A No. 6203998e1 Human Dopamine Receptor and Uses
NUMBER OF SEQUENCES: 24

CORRESPONDENCE ADDRESS:

ADDRESSEE: McDonnell Boehnen Hulbert & Bergroff
STREET: 300 South Wacker Drive
CITY: Chicago
STATE: IL
COUNTRY: USA

248 PAPAPRLPQDPGPDCAAPPAGLPRGPGLPQDPGDCAPAPAPGLPPDPGCG
258 290 276 294
306 SNCAPDAVRAAA
310
...

248 PAPAPRLPQDPGPDCAAPPAGLPRGPGLPQDPGDCAPAPAPGLPPDPGCG
258 290 276 294
306 SNCAPDAVRAAA
310
...

APPLICATION NUMBER: US/09/146,283
 FILING DATE: 03-SEPT-1995
 ATTORNEY/AGENT INFORMATION:
 NAME: Judge, Linda R.
 REGISTRATION NUMBER: 42,792
 REFERENCE/DOCKET NUMBER: 7636-CJC-1
 TELECOMMUNICATION INFORMATION:
 TELEPHONE: 650-324-088C
 TELEFAX: 650-324-C960
 INFORMATION FOR SEQ ID NO.:
 SEQUENCE CHARACTERISTICS:
 LENGTH: 782 amino acids
 TYPE: amino acid
 TOPOLOGY: linear
 MOLECULE TYPE: protein
 HYPOTHETICAL: NO
 ORIGINAL SOURCE:
 ORGANISM: homo sapiens
 INDIVIDUAL ISOLATE: GM-CSF-Her-2
 SEQUENCE DESCRIPTION: SEQ ID NO: 4 -
 PEGRY-FFGASCTACFYN-LSTDVSSCTLICPLHNQEV
 295
 315

1 match found in sequence:
 US-C9-211-416-2 ; Sequence 2 , Application: US/C9-211-416-2
 (from "srch/iaa/6A COMB pep")
 Sequence 2 , Application US/C9211416
 Patent No. 6265640
 GENERAL INFORMATION:
 APPLICANT: ALBERTSEN, Marc C.
 APPLICANT: BEACH, Larry R.
 APPLICANT: HOWARD, John A.
 APPLICANT: HUFFMAN, Gary A.
 TITLE OF INVENTION: Nucleotide Sequences
 NUMBER OF SEQUENCES: 8
 CORRESPONDENCE ADDRESS:
 ADDRESSEE: Patricia A. Sweeney
 STREET: 1835 Pleasant St.
 CITY: West Des Moines
 STATE: Iowa
 COUNTRY: U.S.
 ZIP: 50265-2334
 COMPUTER READABLE FORM:
 MEDIUM TYPE: Floppy disk
 COMPUTER: IBM PC compatible
 OPERATING SYSTEM: PC-DOS/MS-DCS
 SOFTWARE: PatentIn Release #11.C. Version
 CURRENT APPLICATION DATA:
 APPLICATION NUMBER: US/C8/103,739
 FILING DATE: 02-AUG-1993
 PRIOR APPLICATION DATA:
 APPLICATION NUMBER: US/C9/211,416
 FILING DATE: 10-DECEMBER-1992
 APPLICATION NUMBER: US/09/344,195
 FILING DATE: 12-JUN-1990
 PRIOR APPLICATION DATA:
 APPLICATION NUMBER: US/C8/103,739
 FILING DATE: 02-AUG-1993
 PRIOR APPLICATION DATA:
 APPLICATION NUMBER: US/C7/537,163
 FILING DATE: 12-JUN-1990
 ATTORNEY/AGENT INFORMATION:
 NAME: Sweeney, Patricia A.
 REGISTRATION NUMBER: 32,733
 REFERENCE DOCKET NUMBER: 0125-R2C4
 TELECOMMUNICATION INFORMATION:
 TELEPHONE: (515) 222-0221

GENERAL INFORMATION:
 APPLICANT: Leus, Reiner
 Ruegg, Curtis L.
 WU, Ho-Young
 TITLE OF INVENTION: Immunostimulatory Compositions
 NUMBER OF SEQUENCES: 1C
 CORRESPONDENCE ADDRESS:
 (from "srch/iaa/6A COMB pep")
 ADDRESSEE: Dahlberg & Associates
 STREET: 350 Cambridge Ave. Suite 250
 CITY: Palo Alto
 STATE: CA
 COUNTRY: USA
 ZIP: 94306
 COMPUTER READABLE FORM:
 MEDIUM TYPE: Floppy disk
 COMPUTER: IBM PC compatible
 OPERATING SYSTEM: PC-DOS/MS-DCS
 SOFTWARE: PatentIn Release #1.0, Version #1.25
 CURRENT APPLICATION DATA:
 APPLICATION NUMBER: US/09/344,195
 FILING DATE: 24-JUN-1999
 CLASSIFICATION: <Unknown>
 PRIOR APPLICATION DATA:

TELEFAX: (515) 267-0556
 INFORMATION FOR SEQ ID NO: 2:
 SEQUENCE CHARACTERISTICS:
 LENGTH: 473 amino acids
 TYPE: amino acid
 TOPOLOGY: linear
 Found using 'cys' (new key)

420 EDXPXSMFLCLLICVRLXMSNAVGCNIVCVNGIGTIDR
43C 450

GENERAL INFORMATION:
 APPLICANT: MORIKAWA, MINORU
 HARADA, NAOKI
 TITLE OF INVENTION: GENE ENCODING IgG FC REGION-BINDING
 LENGTH: 473 amino acids
 NUMBER OF SEQUENCES: 29
 CORRESPONDENCE ADDRESS:
 ADDRESSEE: BIRCH, STEWART, KOLASCH AND BIRCH
 STREET: PO BOX 747
 CITY: FALLS CHURCH
 STATE: VA USA
 ZIP: 22040-0747

COMPUTER READABLE FORM:
 MEDIUM TYPE: Floppy disk
 COMPUTER: IBM PC compatible
 OPERATING SYSTEM: PC-DOS/MS-DOS
 SOFTWARE: Patent Release #1.0, version #1.30
 APPLICATION NUMBER: US/08/718,386
 CURRENT APPLICATION DATA:
 FILING DATE:
 CLASSIFICATION: 536
 ATTORNEY/AGENT INFORMATION:
 NAME: MURPHY JR, GERALD M.
 REGISTRATION NUMBER: 28,977
 REFERENCE/DOCKET NUMBER: 32230-11
 TELECOMMUNICATION INFORMATION:
 TELEPHONE: (703) 205-8000
 TELEFAX: (703) 205-8050
 INFORMATION FOR SEQ ID NO: 9:
 SEQUENCE CHARACTERISTICS:
 LENGTH: 5405 amino acids
 TYPE: amino acid
 TOPOLOGY: Linear
 MOLECULE TYPE: protein
 Found using 'cys' (new key)

1 match found in sequence:
 ts-08-718-388-7 ; Sequence 7, Application US/38718388
 (from "/srch/iaa/6A/COMB_Pep")
 Patent No. 6271362

GENERAL INFORMATION:
 APPLICANT: MORIKAWA, MINORU
 HARADA, NAOKI
 TITLE OF INVENTION: GENE ENCODING IgG FC REGION-BINDING
 LENGTH: 473 amino acids
 NUMBER OF SEQUENCES: 29
 CORRESPONDENCE ADDRESS:
 ADDRESSEE: BIRCH, STEWART, KOLASCH AND BIRCH
 STREET: PO BOX 747
 CITY: FALLS CHURCH
 STATE: VA USA
 ZIP: 22040-0747

COMPUTER READABLE FORM:
 MEDIUM TYPE: Floppy disk
 COMPUTER: IBM PC compatible
 OPERATING SYSTEM: PC-DOS/MS-DOS
 SOFTWARE: Patent Release #1.0, Version #1.30
 APPLICATION NUMBER: US/08/718,386
 CURRENT APPLICATION DATA:
 FILING DATE:
 CLASSIFICATION: 536
 ATTORNEY/AGENT INFORMATION:
 NAME: MURPHY JR, GERALD M.
 REGISTRATION NUMBER: 28,977
 REFERENCE/DOCKET NUMBER: 0230-111
 TELECOMMUNICATION INFORMATION:
 TELEPHONE: (703) 205-8000
 TELEFAX: (703) 205-8050
 INFORMATION FOR SEQ ID NO: 7:
 SEQUENCE CHARACTERISTICS:
 LENGTH: 2594 amino acids
 TYPE: amino acid
 TOPOLOGY: linear
 MOLECULE TYPE: protein
 Found using 'cys' (new key)

1 match found in sequence:
 JS-09-C5-958-2 ; Sequence 2, Application US/09059958
 (from "/srch/iaa/6A/COMB_Pep")
 Sequence 2, Application US/09059958
 Patent No. 6297426

GENERAL INFORMATION:
 APPLICANT: ALBERTSEN, Marc C.
 BEACH, Larry R.
 HOWARD, John A.
 HUFFMAN, Gary A.
 TITLE OF INVENTION: Nucleotide Sequences Mediating Fertility and Method of Using
 NUMBER OF SEQUENCES: 8
 CORRESPONDENCE ADDRESS:
 ADDRESSEE: Pioneer Hi-Bred International, Inc.
 STREET: 700 Capital Square, 400 Locust Street

3 matches found in sequence:
 JS-08-718-388-9 ; Sequence 9, Application US/08718388
 (from "/srch/iaa/6A/COMB_Pep")
 Sequence 9, Application US/08718388
 Patent No. 6271362

CITY: Des Moines
 STATE: Iowa
 COUNTRY: U.S.
 ZIP: 50309

COMPUTER READABLE FORM:
 MEDIUM TYPE: FLOPPY disk
 COMPUTER: IBM PC compatible
 OPERATING SYSTEM: PC-DOS/NS-DOS

SOFTWARE: Patent in Release #1.C. Version #1.25
 CURRENT APPLICATION DATA:
 APPLICATION NUMBER: US/09/559,955
 FILING DATE:
 PRIOR APPLICATION DATA:
 APPLICATION NUMBER: 08/482,714
 FILING DATE:
 PRIOR APPLICATION DATA:
 APPLICATION NUMBER: US 07/537,193
 FILING DATE: 12-JUN-1993
 ATTORNEY/AGENT INFORMATION:
 NAME: Sweeney, Patricia A.

REGISTRATION NUMBER: 32,733
 REFERENCE/DOCKET NUMBER: 0125R2R2
 TELECOMMUNICATION INFORMATION:
 TELEPHONE: (515) 248 4897
 TELEFAX: (515) 248 4844
 INFORMATION FOR SEQ ID NO: 2:
 SEQUENCE CHARACTERISTICS:
 LENGTH: 473 amino acids
 TYPE: amino acid
 TOPOLOGY: linear
 Found using 'cys' (new key)

420 EDXPXSMIFOCULICVRLXMSNAVGENLVCWQIGIMDR
 43C 450

...
 1 match found in sequence US-08-422-734-1 ; Sequence 1, Application US/06422734
 (from "srch/aa/63.Comb.Pep")
 sequence 1, Application US/08422734
 Patent No. 6333169

GENERAL INFORMATION:
 APPLICANT: Hudzak, Robert M.
 APPLICANT: Shepard, H. Vincnae!
 APPLICANT: Ulrich, Axel
 TITLE OF INVENTION: HER2 EXTRACELLULAR DOMAIN
 NUMBER OF SEQUENCES: 2
 CORRESPONDENCE ADDRESS:
 ADDRESSEE: Genentech, Inc.
 CITY: South San Francisco
 STATE: California
 COUNTRY: USA
 ZIP: 94080

COMPUTER READABLE FORM:
 MEDIUM TYPE: 3.5 inct, 1.44 Mb floppy disk
 COMPUTER: IBM PC compatible
 OPERATING SYSTEM: PC-DOS/MS-DOS
 SOFTWARE: WinPatin (Genentech)
 CURRENT APPLICATION DATA:
 APPLICATION NUMBER: US/08/422,734
 FILING DATE:

CLASSIFICATION: 435
 PRIOR APPLICATION DATA:
 APPLICATION NUMBER: 08/422108
 FILING DATE: 14-Apr-1995
 APPLICATION NUMBER: 08/355466
 FILING DATE: 13-DEC-1994

PRIOR APPLICATION DATA:
 APPLICATION NUMBER: 08/048346
 FILING DATE: 15-APR-1993
 PRIOR APPLICATION DATA:
 APPLICATION NUMBER: 07/354319
 FILING DATE: 19-MAY-1985
 ATTORNEY/AGENT INFORMATION:
 NAME: Lee, Wendy M.
 REGISTRATION NUMBER: 30,000
 REFERENCE/DOCKET NUMBER: 554C2D1
 TELECOMMUNICATION INFORMATION:
 TELEPHONE: 415/225-1934
 TELEFAX: 415/952-9881
 TELEX: 910/371-769
 INFORMATION FOR SEQ ID NO: 1:
 SEQUENCE CHARACTERISTICS:
 LENGTH: 624 amino acids
 TYPE: Amino Acid
 TOPOLOGY: Linear
 Found using 'cys' (new key)

264 PEGRYFGGASCTTACTYYNLYSTDVSCTLVPLHQNQEVTAE
 274 294

...
 1 match found in sequence US-29-199-637A-339 ; Sequence 339, Application US/09199637A
 (from "srch/aa/6B.Comb.Pep")
 Sequence 339, Application US/09199637A
 Patent No. 6355411

GENERAL INFORMATION:
 APPLICANT: Ausubel, Frederick
 APPLICANT: Goodman, Howard M.
 APPLICANT: Rahme, Laurence G.
 APPLICANT: Mahajan-Yiklos, Shairra
 APPLICANT: Tan, Man-Wah
 APPLICANT: Cao, Hui
 APPLICANT: Drentward, Elizara
 APPLICANT: Tsangalis, John
 TITLE OF INVENTION: VIRULENCE-ASSOCIATED NUCLEIC ACID
 FILE REFERENCE: 00786/161002
 CURRENT APPLICATION NUMBER: US/09/199,637A
 CURRENT FILING DATE: 1998-11-25
 PRIOR APPLICATION NUMBER: 60/066,517
 PRIOR FILING DATE: 1997-11-25
 NUMBER OF SEQ ID NOS: 437
 SOFTWARE: FastSEQ for Windows Version: 4.0
 SEQ ID NO 339
 LENGTH: 170
 TYPE: ERT
 ORGANISM: Pseudomonas aeruginosa
 Found using 'cys' (new key)

125 GGPRRLGFRRCMOCISIGLMRPLAPCISCLSRPRAAWLA
 135 156

...
 2 matches found in sequence JS-09-369-364A-13 ; Sequence 13, Application US/09369364A
 (from "srch/aa/6B.Comb.Pep")
 Sequence 13, Application US/09369364A
 Patent No. 6391610

GENERAL INFORMATION:

APPLICANT: Apte, SuneeL

APPLICANT: Hurshainen, Tiina L.

APPLICANT: Hirohata, Satoshi

TITLE OF INVENTION: Zinc Metalloproteases Encoding Nucleic Acids

FILE REFERENCE: US/09/364A

CURRENT APPLICATION NUMBER: 26473/4007/10-30-00

CURRENT FILING DATE: 1999-08-06

NUMBER OF SEQ ID NOS: 31

SOFTWARE: PatentIn Ver. 2.1

SEQ ID NO: 13

TYPE: PRT

ORGANISM: Homo sapiens ADAMTS-9

FEATURE: MOD-RES

LOCATION: (468)

OTHER INFORMATION: Xaa = C

NAME/KEY: MOD-RES

LOCATION: (521)

OTHER INFORMATION: Xaa = Y

Found using 'cys' (new.key)

LPQPGHTEPCTGSCCLRRVAVRSRSECSAQGLGYRTLDIV
89828: PEKKKSPCATCVCNPRKXWVTDHGCVTRACCPDYYFVEED
291
321SHPKPSNRKEKSGECNTGGRYSANTCSKCDGGTCRRRAI
9391 match found in sequence:
JS-09-570-454-2 ; Sequence 2, Application US/C9570454
(From "srch/iaa/6B/COV.B.pep")
Sequence 2, Application US/C9570454

2 matches found in sequence:

US-09-364A-15 ; Sequence 15, Application US/C9364A

(From "srch/iaa/6B/COV.B.pep")

Sequence 15, Application US/C9364A

Patent No. 6391610

GENERAL INFORMATION:

APPLICANT: Apte, SuneeL

APPLICANT: Hurshainen, Tiina L.

APPLICANT: Hirohata, Satoshi

TITLE OF INVENTION: Zinc Metalloproteases Encoding Nucleic Acids

FILE REFERENCE: 26473/4007/10-30-00

CURRENT APPLICATION NUMBER: US/09/364A

CURRENT FILING DATE: 1999-08-06

NUMBER OF SEQ ID NOS: 31

SOFTWARE: PatentIn Ver. 2.1

SEQ ID NO: 15

TYPE: PRT

ORGANISM: Mus musculus ADAMTS-9

Found using 'cys' (new.key)

LPQPGPVTEACSTDCLRWVASKSECSAQGLGYRTLDIH
770
7902 matches found in sequence:
JS-09-630-155-2 ; Sequence 2, Application US/C9630155
(From "srch/iaa/6B/COV.B.pep")
Sequence 2, Application US/C9630155

GENERAL INFORMATION:

APPLICANT: Doherty, Jeni Kristin and Gai, M. Clinton

APPLICANT: Doherty, Jeni Kristin and Gai, M. Clinton

TITLE OF INVENTION: HER-2 BINDING ANTIGENISTS

NUMBER OF SEQUENCES: 9

CORRESPONDENCE ADDRESS:

Patent No. 6414130

GENERAL INFORMATION:

APPLICANT: Doherty, Jeni Kristin and Gai, M. Clinton

APPLICANT: Doherty, Jeni Kristin and Gai, M. Clinton

TITLE OF INVENTION: HER-2 BINDING ANTIGENISTS

NUMBER OF SEQUENCES: 9

CORRESPONDENCE ADDRESS:

Patent No. 6414130

GENERAL INFORMATION:

1 match found in sequence:
US-09-570-454-2 ; Sequence 2, Application US/C9570454

(From "srch/iaa/6B/COV.B.pep")

Sequence 2, Application US/C9570454

Patent No. 6399743

GENERAL INFORMATION:

APPLICANT: Department of Veterans Affairs

TITLE OF INVENTION: Isolation and characterization of epidermal growth factor related protein

FILE REFERENCE: 1C7999-OC106

CURRENT APPLICATION NUMBER: JS/09/570-454

CURRENT FILING DATE: 2000-05-12

PRIOR APPLICATION NUMBER: 6C/1-34,230

PRIOR FILING DATE: 1999-05-14

NUMBER OF SEQ ID NOS: 8

SOFTWARE: PatentIn Ver. 2.1

SEQ ID NO: 2

LENGTH: 478

TYPE: PRT

ORGANISM: Rattus norvegicus

Found using 'cys' (new.key)

SPPRPNQEKGCGECNTGGRYSANTCSKCDGGTCRRRAI
8311 match found in sequence:
JS-09-630-155-2 ; Sequence 2, Application US/C9630155
(From "srch/iaa/6B/COV.B.pep")
Sequence 2, Application US/C9630155

GENERAL INFORMATION:

APPLICANT: Davison, Barry L.

APPLICANT: Davison, Barry L.

TITLE OF INVENTION: Floppy disk

COMPUTER: PC Compatible

OPERATING SYSTEM: Windows95

SOFTWARE: WORD

CURRENT APPLICATION DATA:

APPLICATION NUMBER: US/09/630-155

FILING DATE: 16-Jan-2001

REGISTRATION NUMBER: 47,309

REFERENCE/DOCKET NUMBER: 49321-1C

TELECOMMUNICATION INFORMATION:

TELEPHONE: 206 628-7621

TELEFAX: 206 628-7699

>INFORMATION FOR SEQ ID NO: 2:

SEQUENCE CHARACTERISTICS:

LENGTH: 419

TYPE: amino acid

STRANDEDNESS: single

TOPOLOGY: unknown

MOLECULE TYPE: polypeptide

SEQUENCE DESCRIPTION: SEQ ID NO: 2:

Found using 'cys' (new.key)

SPPRPNQEKGCGECNTGGRYSANTCSKCDGGTCRRRAI
831
8521 match found in sequence:
JS-09-630-155-2 ; Sequence 2, Application US/C9630155
(From "srch/iaa/6B/COV.B.pep")
Sequence 2, Application US/C9630155

GENERAL INFORMATION:

APPLICANT: Davison, Barry L.

APPLICANT: Davison, Barry L.

TITLE OF INVENTION: Floppy disk

COMPUTER: PC Compatible

OPERATING SYSTEM: Windows95

SOFTWARE: WORD

CURRENT APPLICATION DATA:

APPLICATION NUMBER: US/09/630-155

FILING DATE: 16-Jan-2001

REGISTRATION NUMBER: 47,309

REFERENCE/DOCKET NUMBER: 49321-1C

TELECOMMUNICATION INFORMATION:

TELEPHONE: 206 628-7621

>INFORMATION FOR SEQ ID NO: 2:

1 match found in sequence 476 ; Sequence 476, Application US/09149476
 ('from "srch/aa/6B_Comb.pep")
 Sequence 476, Application: US/09149476
 Patent: NC_6410526

GENERAL INFORMATION:

APPLICANT: Rosen et al.

FILE REFERENCE: PCC02P1

TITLE: Human Secreted proteins

CURRENT APPLICATION NUMBER: US/09/149,476

CURRENT FILING DATE: 1998-09-06

EARLIER APPLICATION NUMBER: PCT/US98/04493

EARLIER FILING DATE: 1998-01-06

EARLIER APPLICATION NUMBER: 60/040,162

EARLIER FILING DATE: 1997-03-07

EARLIER APPLICATION NUMBER: 60/040,333

EARLIER FILING DATE: 1997-03-07

EARLIER APPLICATION NUMBER: 60/038,621

EARLIER FILING DATE: 1997-03-07

EARLIER APPLICATION NUMBER: 6C/040,626

EARLIER FILING DATE: 1997-03-07

EARLIER APPLICATION NUMBER: 60/04C,334

EARLIER FILING DATE: 1997-03-07

EARLIER APPLICATION NUMBER: 60/043,336

EARLIER FILING DATE: 1997-03-07

EARLIER APPLICATION NUMBER: 60/240,163

EARLIER FILING DATE: 1997-03-07

EARLIER APPLICATION NUMBER: 6C/C47,600

EARLIER FILING DATE: 1997-05-23

EARLIER APPLICATION NUMBER: 6C/047,615

EARLIER FILING DATE: 1997-05-23

EARLIER APPLICATION NUMBER: 6C/C47,597

EARLIER FILING DATE: 1997-05-23

EARLIER APPLICATION NUMBER: 60/047,502

EARLIER FILING DATE: 1997-05-23

EARLIER APPLICATION NUMBER: 60/047,633

EARLIER FILING DATE: 1997-05-23

EARLIER APPLICATION NUMBER: 60/047,583

EARLIER FILING DATE: 1997-05-23

EARLIER APPLICATION NUMBER: 60/047,617

EARLIER FILING DATE: 1997-05-23

EARLIER APPLICATION NUMBER: 60/C47,616

EARLIER FILING DATE: 1997-05-23

EARLIER APPLICATION NUMBER: 60/047,503

EARLIER FILING DATE: 1997-05-23

EARLIER APPLICATION NUMBER: 60/047,592

EARLIER FILING DATE: 1997-05-23

EARLIER APPLICATION NUMBER: 60/047,581

EARLIER FILING DATE: 1997-05-23

EARLIER APPLICATION NUMBER: 60/C47,564

EARLIER FILING DATE: 1997-05-23

EARLIER APPLICATION NUMBER: 60/C47,500

EARLIER FILING DATE: 1997-05-23

EARLIER APPLICATION NUMBER: 60/047,587

EARLIER FILING DATE: 1997-05-23

EARLIER APPLICATION NUMBER: 60/047,492

EARLIER FILING DATE: 1997-05-23

EARLIER APPLICATION NUMBER: 60/047,598

EARLIER FILING DATE: 1997-05-23

EARLIER APPLICATION NUMBER: 60/047,613

EARLIER FILING DATE: 1997-05-23

EARLIER APPLICATION NUMBER: 60/047,582

EARLIER FILING DATE: 1997-05-23

EARLIER APPLICATION NUMBER: 60/047,590

EARLIER FILING DATE: 1997-04-11

EARLIER APPLICATION NUMBER: 60/043,568

EARLIER FILING DATE: 1997-04-11

EARLIER APPLICATION NUMBER: 60/043,314

EARLIER FILING DATE: 1997-04-11

EARLIER APPLICATION NUMBER: 60/043,569

EARLIER FILING DATE: 1997-04-11

EARLIER APPLICATION NUMBER: 60/043,311

EARLIER FILING DATE: 1997-04-11

EARLIER APPLICATION NUMBER: 60/043,671

EARLIER FILING DATE: 1997-04-11

EARLIER APPLICATION NUMBER: 60/043,674

EARLIER FILING DATE: 1997-04-11

EARLIER APPLICATION NUMBER: 60/043,669

EARLIER FILING DATE: 1997-04-11

EARLIER APPLICATION NUMBER: 60/043,312

EARLIER FILING DATE: 1997-04-11

EARLIER APPLICATION NUMBER: 6C/043,313

EARLIER FILING DATE: 1997-04-11

EARLIER APPLICATION NUMBER: 6C/043,672

EARLIER FILING DATE: 1997-04-11

EARLIER APPLICATION NUMBER: 60/043,315

EARLIER FILING DATE: 1997-04-11

EARLIER APPLICATION NUMBER: 60/043,974

EARLIER FILING DATE: 1997-06-06

EARLIER APPLICATION NUMBER: 60/056,886

EARLIER FILING DATE: 1997-08-22

EARLIER APPLICATION NUMBER: 6C/056,877

EARLIER FILING DATE: 1997-08-22

EARLIER APPLICATION NUMBER: 6C/056,889

EARLIER FILING DATE: 1997-08-22

EARLIER APPLICATION NUMBER: 60/056,893

EARLIER FILING DATE: 1997-08-22

EARLIER APPLICATION NUMBER: 60/056,630

EARLIER FILING DATE: 1997-08-22

EARLIER APPLICATION NUMBER: 60/056,878

EARLIER FILING DATE: 1997-08-22

EARLIER APPLICATION NUMBER: 60/056,892

EARLIER FILING DATE: 1997-08-22

EARLIER APPLICATION NUMBER: 60/056,637

EARLIER FILING DATE: 1997-08-22

EARLIER APPLICATION NUMBER: 60/056,923

EARLIER FILING DATE: 1997-08-22

EARLIER APPLICATION NUMBER: 60/056,878

EARLIER FILING DATE: 1997-08-22

EARLIER APPLICATION NUMBER: 6C/056,882

EARLIER FILING DATE: 1997-08-22

EARLIER APPLICATION NUMBER: 60/056,879

EARLIER FILING DATE: 1997-08-22

EARLIER APPLICATION NUMBER: 6C/056,880

EARLIER FILING DATE: 1997-08-22

EARLIER APPLICATION NUMBER: 60/056,894

EARLIER FILING DATE: 1997-08-22

EARLIER APPLICATION NUMBER: 60/056,811

EARLIER FILING DATE: 1997-08-22

EARLIER APPLICATION NUMBER: 60/056,636

EARLIER FILING DATE: 1997-08-22

EARLIER APPLICATION NUMBER: 60/056,874

EARLIER FILING DATE: 1997-08-22

EARLIER APPLICATION NUMBER: 60/056,810

EARLIER FILING DATE: 1997-08-22

EARLIER APPLICATION NUMBER: 60/056,864

EARLIER FILING DATE: 1997-08-22
 EARLIER APPLICATION NUMBER: 60/056,631
 EARLIER FILING DATE: 1997-08-22
 EARLIER APPLICATION NUMBER: 60/056,845
 EARLIER FILING DATE: 1997-08-22
 EARLIER APPLICATION NUMBER: 60/056,892
 EARLIER FILING DATE: 1997-08-22
 EARLIER APPLICATION NUMBER: 60/057,761
 EARLIER FILING DATE: 1997-08-22
 EARLIER APPLICATION NUMBER: 60/047,595
 EARLIER FILING DATE: 1997-05-23
 EARLIER APPLICATION NUMBER: 60/047,599
 EARLIER FILING DATE: 1997-05-23
 EARLIER APPLICATION NUMBER: 60/047,588
 EARLIER FILING DATE: 1997-05-23
 EARLIER APPLICATION NUMBER: 60/047,594
 EARLIER FILING DATE: 1997-05-23
 EARLIER APPLICATION NUMBER: 60/047,589
 EARLIER FILING DATE: 1997-05-23
 EARLIER APPLICATION NUMBER: 60/047,593
 EARLIER FILING DATE: 1997-05-23
 EARLIER APPLICATION NUMBER: 60/047,624
 EARLIER FILING DATE: 1997-05-23
 EARLIER APPLICATION NUMBER: 60/043,576
 EARLIER FILING DATE: 1997-04-11
 EARLIER APPLICATION NUMBER: 60/043,576
 EARLIER FILING DATE: 1997-04-11
 EARLIER APPLICATION NUMBER: 60/047,501
 EARLIER FILING DATE: 1997-05-23
 EARLIER APPLICATION NUMBER: 60/043,670
 EARLIER FILING DATE: 1997-04-11
 EARLIER APPLICATION NUMBER: 60/056,632
 EARLIER FILING DATE: 1997-08-22
 EARLIER APPLICATION NUMBER: 60/056,664
 EARLIER FILING DATE: 1997-08-22
 EARLIER APPLICATION NUMBER: 60/056,876
 EARLIER FILING DATE: 1997-08-22
 EARLIER APPLICATION NUMBER: 60/056,882
 EARLIER FILING DATE: 1997-08-22
 EARLIER APPLICATION NUMBER: 60/056,909
 EARLIER FILING DATE: 1997-08-22
 EARLIER APPLICATION NUMBER: 60/056,908
 EARLIER FILING DATE: 1997-08-22
 EARLIER APPLICATION NUMBER: 60/048,964
 EARLIER FILING DATE: 1997-06-06
 EARLIER APPLICATION NUMBER: 60/057,650
 EARLIER FILING DATE: 1997-09-05
 EARLIER APPLICATION NUMBER: 60/056,864
 EARLIER FILING DATE: 1997-08-22
 EARLIER APPLICATION NUMBER: 60/057,663
 EARLIER FILING DATE: 1997-09-05
 EARLIER APPLICATION NUMBER: 60/049,610
 EARLIER FILING DATE: 1997-06-13
 EARLIER APPLICATION NUMBER: 60/061,060
 EARLIER FILING DATE: 1997-10-02
 EARLIER APPLICATION NUMBER: 60/051,926
 EARLIER FILING DATE: 1997-07-08
 EARLIER APPLICATION NUMBER: 60/052,874
 EARLIER FILING DATE: 1997-07-16
 EARLIER APPLICATION NUMBER: 60/058,785
 EARLIER FILING DATE: 1997-09-12

EARLIER APPLICATION NUMBER: 60/055,724
 EARLIER FILING DATE: 1997-08-18
 EARLIER APPLICATION NUMBER: 60/040,161
 EARLIER FILING DATE: 1997-03-07
 NUMBER OF SEQ ID NOS: 757
 SOFTWARE: PatentIn Ver. 2.0
 SEQ ID NO: 476
 LENGTH: 273
 TYPE: PRT
 ORGANISM: Homo sapiens
 FEATURE:
 LOCATION: (181)
 OTHER INFORMATION: Xaa equals any of the naturally occurring L-amino acids
 NAME/KEY: SITE
 FEATURE:
 LOCATION: (202)
 OTHER INFORMATION: Xaa equals any of the naturally occurring L-amino acids
 NAME/KEY: SITE
 FEATURE:
 LOCATION: (203)
 OTHER INFORMATION: Xaa equals any of the naturally occurring L-amino acids
 NAME/KEY: SITE
 FEATURE:
 LOCATION: (204)
 OTHER INFORMATION: Xaa equals any of the naturally occurring L-amino acids
 NAME/KEY: SITE
 FEATURE:
 LOCATION: (205)
 OTHER INFORMATION: Xaa equals any of the naturally occurring L-amino acids
 NAME/KEY: SITE
 FEATURE:
 LOCATION: (211)
 OTHER INFORMATION: Xaa equals any of the naturally occurring L-amino acids
 NAME/KEY: SITE
 FEATURE:
 LOCATION: (212)
 OTHER INFORMATION: Xaa equals any of the naturally occurring L-amino acids
 NAME/KEY: SITE
 FEATURE:
 LOCATION: (214)
 OTHER INFORMATION: Xaa equals any of the naturally occurring L-amino acids
 NAME/KEY: SITE
 FEATURE:
 LOCATION: (215)
 OTHER INFORMATION: Xaa equals stop translation
 Found using 'cys' (new_key)

86 GIDINRKLEQESACTEAYSQSDEQAYCHLGCQNQ;PFAELR
 96 117

86 GIDINRKLEQESACTEAYSQSDEQAYCHLGCQNQ;PFAELR
 117

1 match found in sequence:
 US-01-378-C7-9 ; Sequence 9, Application US/09378074
 (From "/srch/seq/6B_COMB_Pep")
 Sequence 9, Application US/09378074
 Patent No. 6437114
 GENERAL INFORMATION:
 APPLICANT: Van Toi, Hubert H.M.
 TITLE OF INVENTION: A NC... 6437114; Human Dopamine Receptor and Uses
 NUMBER OF SEQUENCES: 22
 CORRESPONDENCE ADDRESS:
 ADDRESSEE: Allegretti & Witcoff, Ltd.
 STREET: 10 South Wacker Drive, Suite 3000
 CITY: Chicago
 STATE: Illinois
 COUNTRY: USA
 ZIP: 60606
 COMPUTER READABLE FORM:
 MEDIUM TYPE: Floppy disk
 COMPUTER: IBM PC compatible

OPERATING SYSTEM: PC-DOS/XS-DOS
 SOFTWARE: Patent In Release #1.0, Version #1.25
 CURRENT APPLICATION DATA:
 APPLICATION NUMBER: US/09/378,074
 FILING DATE: 20-Aug-1999
 CLASSIFICATION: <Unknown>
 PRIOR APPLICATION DATA:
 APPLICATION NUMBER: 07/928,611
 FILING DATE: <Unknown>
 ATTORNEY/AGENT INFORMATION:
 NAME: No. 6437114nan, Kevin E.
 REGISTRATION NUMBER: 15,303
 REFERENCE DOCKET NUMBER: 90,1092-B
 TELECOMMUNICATION INFORMATION:
 TELEPHONE: 312-715-1000
 TELEX: 810-221-8317
 INFORMATION FOR SEQ ID NO: 9:
 SEQUENCE CHARACTERISTICS:
 LENGTH: 187 amino acids
 TYPE: amino acid
 TOPOLOGY: linear
 MOLECULE TYPE: protein
 SEQUENCE DESCRIPTION: SEQ ID NO: 9:
PPAPRLPQQPGPDCAPAPPAGLPPDPGCSNCAAPPDAVRAA
 145
 125
 15

matches found in sequence:
 US-09-378-074-1 sequence 11, Application US/09378074
 (from " /srch/liaa/6B COMB.PEP")
 sequence 11, Application US/09378074
 Application No. 6437114
 GENERAL INFORMATION:
 APPLICANT: Van Tol, Hubert H.W.
 Civeilli, Olivier
 TITLE OF INVENTION: A No. 6437114: Human Dopamine Receptor
 NUMBER OF SEQUENCES: 22
 CORRESPONDENCE ADDRESS:
 ADDRESSEE: Allegretti & Witcoff, Ltd.
 STREET: 10 South Wacker Drive, Suite 3000
 CITY: Chicago
 STATE: Illinois
 COUNTRY: USA
 ZIP: 60606

COMPUTER READABLE FORM:
 MEDIUM: Floppy disk
 COMPUTER: IBM PC compatible
 OPERATING SYSTEM: PC-DOS/MS DCS
 SOFTWARE: Patent In Re-base #1.0, Version #1.25
 CURRENT APPLICATION DATA:
 APPLICATION NUMBER: US/09/378,074
 FILING DATE: 20-Aug-1999
 CLASSIFICATION: <Unknown>
 PRIOR APPLICATION DATA:
 APPLICATION NUMBER: 07/928,611
 FILING DATE: <Unknown>
 ATTORNEY/AGENT INFORMATION:
 NAME: No. 6437114nan, Kevin E.
 REGISTRATION NUMBER: 15,303
 REFERENCE DOCKET NUMBER: 90,1092-B
 TELECOMMUNICATION INFORMATION:
 TELEPHONE: 312-715-1000
 TELEX: 810-221-8317
 INFORMATION FOR SEQ ID NO: 11:

157 CYSSSRGGVGQDLCVSGSRVTGSGCAGPQNGNVAASGL
187

1 match found in sequence:
US-09-252-991A-17111 : Sequence 17131, Application US/09252991A
(from "srch/iaa/6B_COMB.pep")
Sequence 2, Application US/09527487
Patent No. 652366
GENERAL INFORMATION:
APPLICANT: Nicolette, Charles
TITLE OF INVENTION: HB2 ANTIGENIC PEPTIDES
FILE REFERENCE: 126581309200
CURRENT APPLICATION NUMBER: US/09-527,487
CURRENT FILING DATE: 2000-03-16
NUMBER OF SEQ ID NOS: 9
SOFTWARE: PatentIn Ver. 2.1
LENGTH: 1255

TYPE: PRT

ORGANISM: Homo sapiens

Found using 'cys' (new.key)

16 RSIPGTIRNCWSNCSSARRSPPPACRPSCPW
146

1 match found in sequence:
US-09-252-991A-22446 : Sequence 22446, Application US/09252991A
(from "srch/iaa/6B_COMB.pep")
Sequence 22446, Application US/09252991A
Patent No. 6551795
GENERAL INFORMATION:
APPLICANT: Marc J. Rubenstein et al.
TITLE OF INVENTION: NUCLEIC ACID AND AMINO ACID SEQUENCES RELATING TO PSEUDOMONAS
FILE REFERENCE: 107196-136
CURRENT APPLICATION NUMBER: US/09-252-991A
CURRENT FILING DATE: 1999-02-18
PRIOR APPLICATION NUMBER: US 60/074,788
PRIOR FILING DATE: 1998-02-18
PRIOR APPLICATION NUMBER: US 60/094,190
PRIOR FILING DATE: 1998-07-27
NUMBER OF SEQ ID NOS: 33142
SEQ ID NO 22446
LENGTH: 216

TYPE: PRT

ORGANISM: Pseudomonas aeruginosa

Found using 'cys' (new.key)

16 PEGRTFGASCVTACPYNVLSTQVSSTLVCPLNQEVTAE
315

1 match found in sequence:
US-09-252-991A-17111 : Sequence 17131, Application US/09252991A
(from "srch/iaa/6B_COMB.pep")
Sequence 17131, Application US/09252991A
Patent No. 6551795
GENERAL INFORMATION:
APPLICANT: Marc J. Rubenstein et al.
TITLE OF INVENTION: NUCLEIC ACID AND AMINO ACID SEQUENCES RELATING TO PSEUDOMONAS
FILE REFERENCE: 107196-136
CURRENT APPLICATION NUMBER: US/09-252-991A
CURRENT FILING DATE: 1999-02-18
PRIOR APPLICATION NUMBER: US 60/074,788
PRIOR FILING DATE: 1998-02-18
PRIOR APPLICATION NUMBER: US 60/094,190
PRIOR FILING DATE: 1998-07-27
SEQ ID NO 17131
LENGTH: 345

TYPE: PRT

ORGANISM: Pseudomonas aeruginosa

Found using 'cys' (new.key)

16 EGATSGAGAACPARCGTGRGSARGCAPGCRGRT
195

1 match found in sequence:
US-09-328-352-6431 : Sequence 6431, Application US/09328352
(from "srch/iaa/6B_COMB.pep")
Sequence 6431, Application US/09328352
Patent No. 6563958
GENERAL INFORMATION:
APPLICANT: Gary L. Breton et al.
TITLE OF INVENTION: NUCLEIC ACID AND AMINO ACID SEQUENCES RELATING TO ACINETOBACTER
FILE REFERENCE: G1099-13PA
CURRENT APPLICATION NUMBER: US/09-328-352
CURRENT FILING DATE: 1999-06-04
NUMBER OF SEQ ID NOS: 8252
SEQ ID NO 6431
LENGTH: 137

TYPE: PRT

ORGANISM: Acinetobacter baumannii

Found using 'cys' (new.key)

16 TAAATTCRRCRCAARRPRPSYPSIPCPPLRHRFRGS
50

1 match found in sequence:
US-09-252-991A-20364 : Sequence 20364, Application US/09252991A
(from "srch/iaa/6B_COMB.pep")
Sequence 20364, Application US/09252991-A
Patent No. 6551795
GENERAL INFORMATION:

APPLICANT: Gary L. Breton et al.
TITLE OF INVENTION: BALMANNII FOR DIAGNOSTICS AND THERAPEUTICS

FILE REFERENCE: G1099-13PA

CURRENT APPLICATION NUMBER: US/09-328-352

CURRENT FILING DATE: 1999-06-04

NUMBER OF SEQ ID NOS: 8252

SEQ ID NO 6431
LENGTH: 137

TYPE: PRT

ORGANISM: Acinetobacter baumannii

Found using 'cys' (new.key)

41 CPECMFACKHASCACQEEHVIMMRECCKHCLTCVETCQLC
51
.....
1 match found in sequence:
US-09-604-287A-485 ; Sequence: 485 , Application US/09604287A
(from "srch/iaa/6B_COMB_pep")
Sequence 2 , Application US/09867521
Patent No. 658934
GENERAL INFORMATION:
APPLICANT: Department of Veterans Affairs
TITLE OF INVENTION: Isolation and characterization of epidermal growth
FILE REFERENCE: 111:1828:00103
CURRENT FILING DATE: 2001-05-31
PRIOR APPLICATION NUMBER: US/09/867,521
PRIOR FILING DATE: 1999-05-24
PRIOR APPLICATION NUMBER: 09/570,454
PRIOR FILING DATE: 2000-05-12
NUMBER OF SEQ ID NOS: 8
SOFTWARE: PatentIn Ver. 2.1
SEQ ID NO: 2
LENGTH: 478
TYPE: PRT
ORGANISM: Rattus norvegicus
Found using 'cys' (new.key)
.....
1 match found in sequence:
US-09-604-287A-485 ; Sequence: 485 , Application US/09604287A
(from "srch/iaa/6B_COMB_pep")
Sequence 2 , Application US/09867521
Patent No. 658934
GENERAL INFORMATION:
APPLICANT: Jiang, Yuguil
APPLICANT: Dillon, Davin C.
APPLICANT: Mitcham, Jennifer L.
APPLICANT: Xu, Jianguchun
APPLICANT: Harlocker, Susan L.
APPLICANT: Heppler, William T.
APPLICANT: Mitcham, Jennifer L.
APPLICANT: Dillon, Davin C.
APPLICANT: Mitcham, Jennifer L.
APPLICANT: Xu, Jianguchun
APPLICANT: Harlocker, Susan L.
APPLICANT: Heppler, William T.
TITLE OF INVENTION: COMPOSITIONS AND METHODS FOR THE THERAPY AND
DIAGNOSIS OF BREAST CANCER
FILE REFERENCE: 210121:470C7
CURRENT APPLICATION NUMBER: US/09/604,287A
CURRENT FILING DATE: 2000-06-22
NUMBER OF SEQ ID NOS: 489
SOFTWARE: FastSEQ for Windows Version 3.0
SEQ ID NO: 485
LENGTH: 505
TYPE: PRT
ORGANISM: Homo sapiens
Found using 'cys' (new.key)
.....
1 match found in sequence:
US-09-604-287A-487 ; Sequence: 487 , Application US/09604287A
(from "srch/iaa/6B_COMB_pep")
Sequence 487 , Application US/09604287A
Patent No. 6586572
GENERAL INFORMATION:
APPLICANT: Jiang, Yuguil
APPLICANT: Dillon, Davin C.
APPLICANT: Mitcham, Jennifer L.
APPLICANT: Xu, Jianguchun
APPLICANT: Harlocker, Susan L.
APPLICANT: Heppler, William T.
APPLICANT: Mitcham, Jennifer L.
APPLICANT: Dillon, Davin C.
APPLICANT: Mitcham, Jennifer L.
APPLICANT: Xu, Jianguchun
APPLICANT: Harlocker, Susan L.
APPLICANT: Heppler, William T.
TITLE OF INVENTION: COMPOSITIONS AND METHODS FOR THE THERAPY AND
DIAGNOSIS OF BREAST CANCER
FILE REFERENCE: 210121:470C7
CURRENT APPLICATION NUMBER: US/09/604,287A
CURRENT FILING DATE: 2000-06-22
NUMBER OF SEQ ID NOS: 489
SOFTWARE: FastSEQ for Windows Version 3.0
SEQ ID NO: 487
LENGTH: 235
TYPE: PRT
ORGANISM: Homo sapiens
Found using 'cys' (new.key)
.....
157 CVSSSRGGVVCGDLCVSSRPTGSVCSCAPCNGNVAVSTGL
167
.....
1 match found in sequence:
PCT-US91-07310-9 ; Sequence: 9 , Application PC/TUS9107370
CVSSSRGGVVCGDLCVSSRPTGSVCSCAPCNGNVAVSTGL
457
.....

APPlicant: Sequence 2, Application PC/TU9307370
 GENERAL INFORMATION:
 TITLE OF INVENTION: A Novel Human Dopamine Receptor and Uses
 NUMBER OF SEQUENCES: 22
 COMPUTER READABLE FORM:
 MEDIUM TYPE: Floppy disk
 COMPUTER: IBM PC compatible
 OPERATING SYSTEM: PC-DOS/MS-DOS
 CURRENT APPLICATION DATA:
 SOFTWARE: Patent In Release #1.0, Version #1.25 (EPO)
 APPLICATION NUMBER: PCT/US93/07370
 INVENTION NUMBER: 9;
 SEQUENCE CHARACTERISTICS:
 LENGTH: 187 amino acids
 TYPE: amino acid
 TOPOLOGY: linear
 MOLECULE TYPE: protein
 FOUND USING 'cys' (new.key)
 ...
 115 PAPAPRLPQPGPDCAPPAAPGLPPDPGCGSNCAPPDAVRAAA
 125
 ...
 3 matches found in sequence:
 PCT-US93-07370-11 ; Sequence 11, Application PC/TU9307370
 (from "/srch/iaa/PCTUS COMB.pep")
 Sequence 11, Application PC/TU9307370
 GENERAL INFORMATION:
 APPlicant:
 TITLE OF INVENTION: A Novel Human Dopamine Receptor and Uses
 NUMBER OF SEQUENCES: 22
 COMPUTER READABLE FORM:
 MEDIUM TYPE: Floppy disk
 COMPUTER: IBM PC compatible
 OPERATING SYSTEM: PC-DOS/MS-DOS
 CURRENT APPLICATION DATA:
 SOFTWARE: Patent In Release #1.0, Version #1.25 (EPO)
 APPLICATION NUMBER: PCT/US93/07370
 INVENTION NUMBER: 11;
 SEQUENCE CHARACTERISTICS:
 LENGTH: 219 amino acids
 TYPE: amino acid
 TOPOLOGY: linear
 MOLECULE TYPE: protein
 FOUND USING 'cys' (new.key)
 ...
 115 PAPAPRLPQPGPDCAPPAAPGLPPDPGCGSNCAPPDAVRAAA
 125
 ...
 3 matches found in sequence:
 PCT-US93-07370-13 ; Sequence 13, Application PC/TU9307370
 (from "/srch/iaa/PCTUS COMB.pep")
 Sequence 13, Application PC/TU9307370
 GENERAL INFORMATION:
 APPlicant:
 TITLE OF INVENTION: A Novel Human Dopamine Receptor and Uses
 NUMBER OF SEQUENCES: 22
 COMPUTER READABLE FORM:
 MEDIUM TYPE: Floppy disk
 COMPUTER: IBM PC compatible
 OPERATING SYSTEM: PC-DOS/MS-DOS
 CURRENT APPLICATION DATA:
 SOFTWARE: Patent In Release #1.0, Version #1.25 (EPO)
 APPLICATION NUMBER: PCT/US93/07370
 INVENTION NUMBER: 13;
 SEQUENCE CHARACTERISTICS:
 LENGTH: 267 amino acids
 TYPE: amino acid
 TOPOLOGY: linear
 MOLECULE TYPE: protein
 FOUND USING 'cys' (new.key)
 ...
 115 PAPAPRLPQPGPDCAPPAAPGLPPDPGCGSNCAPPDAVRAAA
 125
 ...
 6 matches found in sequence:
 PCT-US93-07370-13 ; Sequence 13, Application PC/TU9307370
 (from "/srch/iaa/PCTUS COMB.pep")
 Sequence 13, Application PC/TU9307370
 GENERAL INFORMATION:
 APPlicant:
 TITLE OF INVENTION: A Novel Human Dopamine Receptor and Uses
 NUMBER OF SEQUENCES: 22
 COMPUTER READABLE FORM:
 MEDIUM TYPE: Floppy disk
 COMPUTER: IBM PC compatible
 OPERATING SYSTEM: PC-DOS/MS-DOS
 CURRENT APPLICATION DATA:
 SOFTWARE: Patent In Release #1.0, Version #1.25 (EPO)
 APPLICATION NUMBER: PCT/US93/07370
 INVENTION NUMBER: 13;
 SEQUENCE CHARACTERISTICS:
 LENGTH: 267 amino acids
 TYPE: amino acid
 TOPOLOGY: linear
 MOLECULE TYPE: protein
 FOUND USING 'cys' (new.key)
 ...
 115 PAPAPRLPQPGPDCAPPAAPGLPPDPGCGSNCAPPDAVRAAA
 125
 ...
 3 matches found in sequence:
 PCT-US93-07370-20 ; Sequence 20, Application PC/TU9307370
 (from "/srch/iaa/PCTUS COMB.pep")
 Sequence 20, Application PC/TU9307370
 GENERAL INFORMATION:
 APPlicant:
 TITLE OF INVENTION: A Novel Human Dopamine Receptor and Uses
 NUMBER OF SEQUENCES: 22
 COMPUTER READABLE FORM:
 MEDIUM TYPE: Floppy disk
 COMPUTER: IBM PC compatible
 OPERATING SYSTEM: PC-DOS/MS-DOS
 CURRENT APPLICATION DATA:
 SOFTWARE: Patent In Release #1.0, Version #1.25 (EPO)
 APPLICATION NUMBER: PCT/US93/07370
 INVENTION NUMBER: 20;
 SEQUENCE CHARACTERISTICS:
 LENGTH: 387 amino acids
 TYPE: amino acid
 TOPOLOGY: linear
 MOLECULE TYPE: protein
 FOUND USING 'cys' (new.key)
 ...
 115 PAPAPRLPQPGPDCAPPAAPGLPPDPGCGSNCAPPDAVRAAA
 125
 ...
 249 PAPAPRLPQPGPDCAPPAAPGLPPDPGCGSNCAPPDAVRAAA
 258
 ...
 278

GENERAL INFORMATION:
 APPLICANT:
 TITLE OF INVENTION: A Novel Human Dopamine Receptor and Uses
 NUMBER OF SEQUENCES: 22
 COMPUTER READABLE FORM:
 MEDIUM TYPE: Floppy disk
 COMPUTER: IBM PC compatible
 OPERATING SYSTEM: PC-DOS/MS-DOS
 SOFTWARE: PatentIn Release #1.3, Version #1.25 (EPC)
 CURRENT APPLICATION DATA:
 APPLICATION NUMBER: PCT/US93/07370
 INFORMATION FOR SEQ ID NO: 20:
 SEQUENCE CHARACTERISTICS:
 LENGTH: 419 amino acids
 TYPE: amino acid
 TOPOLOGY: linear
 MOLECULE TYPE: protein
 Found using 'cys' (new.key)

248 PPAPRLPQQPGPDCAPFAPGLPRGPGPDCAPAPAPSLPQDPCGDPAPGLPPDPG
 258 274 290 294
 308 SNCAPPDAVRAAA
 310 316

6 matches found in sequence:
 PCT/US93/07370-22; Sequence 22, Application PCT/US93/07370
 (from "srch.iss/pc/us9307370")
 Sequence 22, Application PCT/US93/07370
 GENERAL INFORMATION:
 APPLICANT:
 TITLE OF INVENTION: A Novel Human Dopamine Receptor and Uses
 NUMBER OF SEQUENCES: 22
 COMPUTER READABLE FORM:
 MEDIUM TYPE: Floppy disk
 COMPUTER: IBM PC compatible
 OPERATING SYSTEM: PC-DOS/MS-DOS
 SOFTWARE: PatentIn Release #1.3, Version #1.25 (EPC)
 CURRENT APPLICATION DATA:
 APPLICATION NUMBER: PCT/US93/07370
 INFORMATION FOR SEQ ID NO: 22:
 SEQUENCE CHARACTERISTICS:
 LENGTH: 467 amino acids
 TYPE: amino acid
 TOPOLOGY: linear
 MOLECULE TYPE: protein
 Found using 'cys' (new.key)

248 PPAPRLPQQPGPDCAPFAPGLPRGPGPDCAPAPAPSLPQDPCG
 258 274 290 294 306
 308 PDCAPPAPGLPRGPGPDCAPFAPGLPQDPGDDCAPPAGLPPDPCGSNCAPPDAVRAA
 310 322 342 336 358
 368 A

GENERAL INFORMATION:
 APPLICANT:
 TITLE OF INVENTION: A Novel Human Dopamine Receptor and Uses
 NUMBER OF SEQUENCES: 22
 COMPUTER READABLE FORM:
 MEDIUM TYPE: Floppy disk
 COMPUTER: IBM PC compatible
 OPERATING SYSTEM: PC-DOS/MS-DOS
 SOFTWARE: PatentIn Release #1.3, Version #1.25 (EPC)
 CURRENT APPLICATION DATA:
 APPLICATION NUMBER: PCT/US93/07370
 INFORMATION FOR SEQ ID NO: 20:
 SEQUENCE CHARACTERISTICS:
 LENGTH: 419 amino acids
 TYPE: amino acid
 TOPOLOGY: linear
 MOLECULE TYPE: protein
 Found using 'cys' (new.key)

-- Search Statistics --
 Times: CPU 00:07:55.06 Total Elapsed 00:14:15.00
 Number of sequences searched: 3288C
 Number of sequence hits: 89
 Number of separate matches: 173
 Number of sequence hits saved: 0

GerCore version 5.2.6
Copyright (C) 1993 - 2003 Compugen Ltd.

CM protein - protein search, using SW model

Run on:

October 27, 2003, 15:54:41 ; Search time 46.5581 seconds
(without alignments);
79.130 Million. cell updates/sec

Perfect score:
Sequence:

54 1 CXXXXXXXXXXXXXXXXXXX 22

Scoring table:

BLOSUM62DX
Gapext 10.0 , Gapext 0.5

Searched:

629382 seqs, 167460630 residues

Total number of hits satisfying chosen parameters:

Minimum DB seq length: 0

Maximum DB seq length: 2330000000

Post-processing:

Minimum Match 0%

Maximum Match 100%

Listing first 45 summaries

Database : Published Applications_AA:

1: /cgn2_6_ptodata/1/pubpaas/US07_PUBCCMB.pep.*
 2: /cgn2_6_ptodata/1/pubpaas/PC7_NEW_PUB.pep.*
 3: /cgn2_6_ptodata/1/pubpaas/US06_NEW_PUB.pep.*
 4: /cgn2_6_ptodata/1/pubpaas/US05_NEW_PUBCOMB.pep.*
 5: /cgn2_6_ptodata/1/pubpaas/USC7_NEW_PUB.pep.*
 6: /cgn2_6_ptodata/1/pubpaas/PECT7_PUBCOMB.pep.*
 7: /cgn2_6_ptodata/1/pubpaas/JS08_NEW_PUB.pep.*
 8: /cgn2_6_ptodata/1/pubpaas/JS09A_PUBCOMB.pep.*
 9: /cgn2_6_ptodata/1/pubpaas/JS09B_PUBCOMB.pep.*
 10: /cgn2_6_ptodata/1/pubpaas/JS09B_PUBCOMB.pep.*
 11: /cgn2_6_ptodata/1/pubpaas/JS09C_PUBCOMB.pep.*
 12: /cgn2_6_ptodata/1/pubpaas/JS09 NEW_PUB.pep.*
 13: /cgn2_6_ptodata/1/pubpaas/JS10A_PUBCOMB.pep.*
 14: /cgn2_6_ptodata/1/pubpaas/JS10C_PUBCOMB.pep.*
 15: /cgn2_6_ptodata/1/pubpaas/JS10C_PUBCOMB.pep.*
 16: /cgn2_6_ptodata/1/pubpaas/JS11C_NEW_PUB.pep.*
 17: /cgn2_6_ptodata/1/pubpaas/JS6C_NEW_PUB.pep.*
 18: /cgn2_6_ptodata/1/pubpaas/JS6D_PUBCOMB.pep.*

Pred. No. is the number of results predicted by chance to have a score greater than or equal to the score of the result being printed, and is derived by analysis of the total score distribution.

SUMMARIES

Result No.	Score	Query Match Length	DB ID	Description
1	54	100.0	22	IC US-09-331-631A-39
2	54	100.0	22	12 US-10-147-095-39
3	54	100.0	27	15 US-10-097-065-58
4	54	100.0	29	10 US-63-331-631A-33
5	54	103.0	29	10 US-09-331-631A-36
6	54	100.0	29	12 US-10-147-095-33
7	54	100.0	29	12 US-10-147-095-36
8	54	100.0	33	12 JS-10-252-734-37
9	54	100.0	35	12 JS-10-174-151-5
10	54	100.0	36	12 US-10-321-807-132
11	54	100.0	38	15 US-10-252-340-11
12	54	100.0	39	12 JS-10-195-30-172
13	54	100.0	42	15 US-10-252-340-15
14	54	100.0	43	15 US-10-252-340-13
15	54	100.0	44	15 US-10-252-340-12

SEQ ID NO: 39 LENGTH: 22 TYPE: PRF

GENERAL INFORMATION:
PATENT NUMBER: US-09-331-631A-39
PATENT NO.: US2002018392A1
APPLICANT: Manners, John M.
APPLICANT: Watrus, John Paul.
APPLICANT: Goulet, Kenneth C.
APPLICANT: Green, Jodie L.TITLE OF INVENTION: ANTIMICROBIAL PROTEINS
FILE REFERENCE: CULIN23_OCATPC
CURRENT FILING DATE: 1999-05-21
PRIOR APPLICATION NUMBER: US-09-331-631A
PRIOR FILING DATE: 1996-12-20
NUMBER OF SEQ ID NO: 40 SOFTWARE: FastSEQ for Windows Version 3.0
SEQ ID NO: 39

FEATURE:
OTHER INFORMATION: Consensus sequence for antimicrobial peptides
US-09-331-631A-39
OTHER INFORMATION: wherein X is any amino acid.
Query Match Score 54; DB 10; Length 22;
Best Local Similarity 100.0%; Pred. No. 1; Seq+22;
Matches 22; Conservative 0; Mismatches 0; Indels 0; Gaps 0;
Qy 1 CXXXXXXXXXXXXXXXXXX 22
Db 1 CXXXXXXXXXXXXXXXXXX 22

RESULT 2

PRIOR FILING DATE: 1997-12-18
 PRIOR APPLICATION NUMBER: 60/068,365
 PRIORITY NUMBER: 1997-12-19
 NUMBER OF SEQ ID NCS: 672
 SOFTWARE: PatentIn Ver. 2.0
 SEQ ID NC 580
 LENGTH: 27
 TYPE: PRT
 ORGANISM: Homo sapiens
 JS-10-C97-365-580

Query Match 100.0% Score 54; DB 15; Length: 27;
 Best Local Similarity 18.2%; Pred. No. 1.e+02;
 Matches 4; Conservative 1.8%; Mismatches 0; Indels 0; Gaps 0;

Qy 1 CXXXCXXXXXXXXXXXXXXCXXXC 22
 Db 4 CPSCCLPSPRGCSREORCAFSC 25

RESULT 4
 JS-09-331-631A-33
 Sequence 33, Application US/C9331631A
 Patent No. US2002168392A1

GENERAL INFORMATION:
 APPLICANT: Manners, John M.
 APPLICANT: Marcus, John Paul
 APPLICANT: Gouler, Kenneth C.
 APPLICANT: Green, Jodie L.
 APPLICANT: Green, John Paul
 APPLICANT: Gouler, Kenneth C.
 APPLICANT: Green, Jodie L.
 TITLE OF INVENTION: ANTIMICROBIAL PROTEINS
 FILE REFERENCE: CULIN23.001APC
 CURRENT FILING DATE: 1999-06-21
 PRIOR APPLICATION NUMBER: PCT/AU97/00874
 PRIOR FILING DATE: 1997-12-22
 PRIOR APPLICATION NUMBER: AU PO 4275
 PRIOR FILING DATE: 1996-12-26
 NUMBER OF SEQ ID NOS: 40
 SOFTWARE: FastSEQ for Windows Version 3.0
 SEQ ID NO: 33
 LENGTH: 29
 TYPE: PRT
 ORGANISM: Artificial Sequence
 FEATURE:
 OTHER INFORMATION: Consensus sequence for antimicrobial peptides
 OTHER INFORMATION: Wherein X is any amino acid.

Query Match 100.0% Score 54; DB 12; Length: 22;
 Best Local Similarity 100.0%; Pred. No. 1.5e+02;
 Matches 22; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Qy 1 CXXXCXXXXXXXXXXXXXXCXXXC 22
 Db 1 CXXXCXXXXXXXXXXXXXXCXXXC 22

RESULT 3
 JS-10-097-065-580
 Sequence 580, Application US/10097365
 Publication No. US2003055236A1

GENERAL INFORMATION:
 APPLICANT: Moore, Paul A., et al.
 TITLE OF INVENTION: Human Secreted Proteins
 FILE REFERENCE: P2021P1

CURRENT FILING DATE: 2002-03-14
 PRIOR APPLICATION NUMBER: PCT/US98/27059
 PRIOR FILING DATE: 1998-12-17
 PRIOR APPLICATION NUMBER: 60/070,923
 PRIOR FILING DATE: 1997-12-18
 PRIOR APPLICATION NUMBER: 60/068,007
 PRIOR APPLICATION NUMBER: 60/068,057
 PRIOR FILING DATE: 1997-12-19
 PRIOR APPLICATION NUMBER: 60/C68,006
 PRIOR FILING DATE: 1997-12-19
 PRIOR APPLICATION NUMBER: 60/C68,369
 PRIOR FILING DATE: 1997-12-19
 PRIOR APPLICATION NUMBER: 60/068,367
 PRIOR APPLICATION NUMBER: 60/070,368
 PRIOR FILING DATE: 1997-12-19
 PRIOR APPLICATION NUMBER: 60/068,169
 PRIOR FILING DATE: 1997-12-19
 PRIOR APPLICATION NUMBER: 60/C68,053
 PRIOR FILING DATE: 1997-12-18
 PRIOR APPLICATION NUMBER: 60/068,064
 PRIOR FILING DATE: 1997-12-18
 PRIOR APPLICATION NUMBER: 60/068,054
 PRIOR FILING DATE: 1997-12-18
 PRIOR APPLICATION NUMBER: 60/C68,008

OTHER INFORMATION: Consensus sequence for antimicrobial peptides
 OTHER INFORMATION: Wherein X is any amino acid.

JS-09-331-631A-33

Query Match 100.0% Score 54; DB 10; Length: 29;
 Best Local Similarity 100.0%; Pred. No. 2e+02;
 Matches 22; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Qy 1 CXXXCXXXXXXXXXXXXXXCXXXC 22
 Db 4 CXXXCXXXXXXXXXXXXXXCXXXC 25

RESULT 5
 JS-C9-33-631A-36
 Sequence 36, Application US/C9331631A
 Patent No. US2002168392A1

GENERAL INFORMATION:
 APPLICANT: Manners, John M.
 APPLICANT: Marcus, John Paul
 APPLICANT: Gouler, Kenneth C.
 APPLICANT: Green, Jodie L.
 TITLE OF INVENTION: ANTIMICROBIAL PROTEINS
 FILE REFERENCE: CULIN23.001APC
 CURRENT FILING DATE: 1999-06-21
 PRIOR APPLICATION NUMBER: PCT/AU97/00874
 PRIOR FILING DATE: 1997-12-22
 PRIOR APPLICATION NUMBER: AU PO 4275
 PRIOR FILING DATE: 1996-12-26
 NUMBER OF SEQ ID NOS: 40
 SOFTWARE: FastSEQ for Windows Version 3.0

PRIV FILING DATE: 1996-12-20
 NUMBER OF SEQ ID NOS: 40
 SEQ ID NO 36 : Software: FastSEQ for Windows Version 3.0
 LENGTH: 29
 TYPE: PRT
 ORGANISM: Artificial Sequence
 FEATURE:
 OTHER INFORMATION: Consensus sequence for antimicrobial peptides
 OTHER INFORMATION: wherein X is any amino acid and the first and last
 OTHER INFORMATION: X are phenylalanine or Tyrosine.
 JS-39 331-631a-36

Query Match 100.0%; Score 54; DB 10; Length 29;
 Best Local Similarity 100.0%; Pred. No. 2e+02; Indels 0; Gaps 0;
 Matches 22; Conservative 0; Mismatches 0; Indexes 0; Gaps 0.

Qy 1 CXXXCXXXXXXXXXXXXXX 22
 Db 4 CXXXCXXXXXXXXXXXXXX 25

RESULT: 6
 US-10-147-095-33
 Sequence 33, Application US/10147095
 Publication No. US20030171274A1
 GENERAL INFORMATION:
 APPLICANT: Manners, John M.
 APPLICANT: Marcus, John Paul.
 APPLICANT: Goulter, Kenneth C.
 APPLICANT: Green, Jodie L.
 TITLE OF INVENTION: ANTIMICROBIAL PROTEINS
 FILE REFERENCE: CULN23.C01AFC
 CURRENT APPLICATION NUMBER: US/10147,095
 CURRENT FILING DATE: 2002-05-15
 PRIOR APPLICATION NUMBER: US09/331,631A
 PRIOR FILING DATE: 1996-12-20
 PRV APP ID NOS: 40
 NUMBER OF SEQ ID NOS: 40
 SOFTWARE: FastSEQ for Windows Version 3.0
 SEQ ID NO 33
 LENGTH: 29
 TYPE: PRT
 ORGANISM: Artificial Sequence
 FEATURE:
 OTHER INFORMATION: Consensus sequence for antimicrobial peptides
 OTHER INFORMATION: wherein X is any amino acid.
 JS-10-147-095-33

Query Match 100.0%; Score 54; DB 12; Length 32;
 Best Local Similarity 100.0%; Pred. No. 2e+02; Indels 0; Gaps 0;
 Matches 22; Conservative 0; Mismatches 0; Indexes 0; Gaps 0.

Qy 1 CXXXCXXXXXXXXXXXXXX 22
 Db 4 CXXXCXXXXXXXXXXXXXX 25

RESULT: 8
 US-10-252-734-37
 Sequence 37, Application US/10252734
 Publication No. US20030176652A1
 GENERAL INFORMATION:
 APPLICANT: MCCRAY, C.R., PAUL B.
 APPLICANT: SCHUTTE, BRIAN C.
 APPLICANT: JIA, HONG PENG
 APPLICANT: CASAVANT, THOMAS L.
 TITLE OF INVENTION: HUMAN AND MOUSE β -DEFENSINS, ANTIMICROBIAL PEPTIDES
 FILE REFERENCE: IOWA:01IUS
 CURRENT APPLICATION NUMBER: US/10/252,734
 CURRENT FILING DATE: 2002-09-23
 PRIOR APPLICATION NUMBER: 60/1323,991
 PRIOR FILING DATE: 2001-09-21
 NUMBER OF SEQ ID NOS: 82
 SOFTWARE: PatentIn Ver. 2.2
 SEQ ID NO 37
 LENGTH: 33
 TYPE: PRT
 ORGANISM: Homo sapiens
 JS-10-252-734-37

Query Match 100.0%; Score 54; DB 12; Length 32;
 Best Local Similarity 100.0%; Pred. No. 2.2e+02; Indels 0; Gaps 0;
 Matches 4; Conservative 0; Mismatches 0; Indexes 0; Gaps 0.

Qy 1 CXXXCXXXXXXXXXXXXXX 22
 Db 4 CRASCKNEQPYLYCRNCSCC 31

RESULT: 9
 US-10-174-151-5
 Sequence 5, Application US/10174151
 Publication No. US2003016551A1
 GENERAL INFORMATION:
 APPLICANT: Sportini, Francois
 TITLE OF INVENTION: NOVEL BEE VENOM POLYPEPTIDES AND METHODS OF USE THEREOF
 FILE REFERENCE: 18519-001
 CURRENT APPLICATION NUMBER: US/10/174,151
 CURRENT FILING DATE: 2002-06-18
 PRIOR APPLICATION NUMBER: US/09/506,978
 PRIOR FILING DATE: 2000-02-18
 NUMBER OF SEQ ID NOS: 5

RESULT: 7
 US-10-147-C95-36
 Sequence 36, Application US/10147095
 Publication No. US20030171274A1
 GENERAL INFORMATION:
 APPLICANT: Manners, John M.
 APPLICANT: Goulter, Kenneth C.
 APPLICANT: Green, Jodie L.
 TITLE OF INVENTION: ANTIMICROBIAL PROTEINS
 FILE REFERENCE: CULN23.001AFC
 CURRENT APPLICATION NUMBER: US/10/147,095

Software: PatentIn Ver. 2.0
 SEQ ID NO 5
 LENGTH: 35
 TYPE: PRT
 ORGANISM: Artificial Sequence
 FEATURE:
 OTHER INFORMATION: Description of Artificial Sequence: CYSTEINE
 FEATURE: SPACING MOTIF
 OTHER INFORMATION: Where any X can be any amino acid.
 US-10-174-151-5

Query Match 100.0%; Score 54; DB 12; Length 35;
 Best Local Similarity 95.5%; Pred. No. 2 3e+02; Mismatches 5; Indels 0; Gaps 0;
 Matches 21; Conservative 1; Gaps 0;

Qy 1 CXXXCXXXXXXXXXXXXXXC 22
 Db 10 CXXXCXXXXCXXXXXXCXXX 31

RESULT 10
 US-10-321-807-132
 Sequence 132, Application US/103218C7
 Publication No. US2003016614BA1
 GENERAL INFORMATION:
 APPLICANT: Chen, Ruiqong
 APPLICANT: Dang, Rong T.
 APPLICANT: Lovitz, Kevin P.
 TITLE OF INVENTION: No. US2003166148A1 - Endogenous, Constitutively Activated Human G Protein Receptors
 FILE REFERENCE: AREN08C
 CURRENT APPLICATION NUMBER: US/10/321,807
 CURRENT FILING DATE: 2003-12-16
 PRIOR APPLICATION NUMBER: US/09/714,008
 PRIOR FILING DATE: 2000-11-16
 PRIOR APPLICATION NUMBER: 09/170,496
 PRIOR FILING DATE: 1999-11-17
 PRIOR APPLICATION NUMBER: PCT/US99/23938
 PRIOR FILING DATE: 2000-04-26
 PRIOR APPLICATION NUMBER: 60/166,088
 PRIOR FILING DATE: 1999-11-17
 PRIOR APPLICATION NUMBER: 60/166,099
 PRIOR FILING DATE: 1999-11-17
 PRIOR APPLICATION NUMBER: 60/166,369
 PRIOR FILING DATE: 1999-11-17
 PRIOR APPLICATION NUMBER: 60/171,902
 PRIOR FILING DATE: 1999-12-23
 PRIOR APPLICATION NUMBER: 60/171,901
 PRIOR FILING DATE: 1999-12-23
 PRIOR FILING DATE: 1999-12-23
 PRIOR FILING DATE: 1999-12-23
 PRIOR FILING DATE: 1999-12-23
 PRIOR FILING DATE: 60/171,900
 PRIOR FILING DATE: 60/171,902
 PRIOR FILING DATE: 60/171,901
 PRIOR FILING DATE: 60/171,901
 Remaining Prior Application data removed - See File Wrapper or PAM.
 NUMBER OF SEQ ID NOS: 133
 SOFTWARE: PatentIn version 3.0
 SEQ ID NO 132
 LENGTH: 36
 TYPE: PRT
 ORGANISM: Artificial Sequence
 FEATURE:
 NAME/KEY: misc feature
 OTHER INFORMATION: No. US20030166148A1 Sequence
 US-10-321-807-132

Query Match 100.0%; Score 54; DB 12; Length 36;
 Best Local Similarity 18.2%; Pred. No. 2 4e+02; Mismatches 4; Indels 2; Gaps 0;

Qy 1 CXXXCXXXXXXXXXXXXXXC 22
 Db 4 CAAGCTTCCATGGGCTGCC 25

RESULT 11
 US-10-252-340-11
 Sequence 11, Application US/10252340
 Publication No. US20030077745A1
 GENERAL INFORMATION:
 APPLICANT: Rowley, David R.
 TITLE OF INVENTION: Polynucleotides Encoding Urogenital Sinus Derived Current Application NUMBER: US10/252,340
 CURRENT FILING DATE: 2000-09-23
 PRIOR APPLICATION NUMBER: US/99/335,318
 PRIOR FILING DATE: 1999-06-17
 NUMBER OF SEQ ID NOS: 19
 SOFTWARE: PatentIn Ver. 2.0
 SEQ ID NO 11
 LENGTH: 38
 TYPE: PRT
 ORGANISM: Homo sapiens
 US-10-252-340-11

RESULT 12
 US-10-195-73C-172
 Sequence 172, Application US/10195730
 Publication No. US2003014492A1
 GENERAL INFORMATION:
 APPLICANT: Rosen et. al.
 TITLE OF INVENTION: 101 Human Secreted Proteins
 FILE REFERENCE: P2011P1
 CURRENT APPLICATION NUMBER: US/10/195,730
 CURRENT FILING DATE: 2002-07-16
 PRIOR APPLICATION NUMBER: US/29/281,976
 PRIOR FILING DATE: 1999-03-31
 PRIOR APPLICATION NUMBER: 60/050,837
 PRIOR FILING DATE: 1997-10-02
 PRIOR APPLICATION NUMBER: 60/060,862
 PRIOR FILING DATE: 1997-10-02
 NUMBER OF SEQ ID NOS: 390
 SEQ ID NO 172
 LENGTH: 39
 TYPE: PRT
 ORGANISM: Homo sapiens
 FEATURES:
 NAME/KEY: SITE
 LOCATION: :39)
 OTHER INFORMATION: xaa equals stop translation
 US-10-195-73C-172

Query Match 100.0%; Score 54; DB 12; Length 39;
 Best Local Similarity 18.2%; Pred. No. 2 6e+02; Mismatches 4; Indels 0; Gaps 0;

Qy 1 CXXXCXXXXXXXXXXXXXXC 22
 Db 6 CFRACENCSLSGLLNLFCQSC 27

RESULT 13
 US-10-252-340-15
 Sequence 15, Application US/10252340
 Publication No. US20030077745A1

```

GENERAL INFORMATION:
; APPLICANT: Rowley, David R.
; TITLE OF INVENTION: Polynucleotides Encoding Urogenital Sinus Derived
; FILE REFERENCE: 1373 01209
; CURRENT APPLICATION NUMBER: US/10/252,340
; PRIORITY FILING DATE: 2002-09-23
; PRIORITY APPLICATION NUMBER: US/09/335,316
; PRIORITY FILING DATE: 1999-06-17
; NUMBER OF SEQ ID NOS: 19
; SOFTWARE: PatentIn Ver. 2.0
; SEQ ID NO: 15
; LENGTH: 42
; TYPE: PRT
; ORGANISM: Rattus norvegicus
US-10-252-34C-15

Query Match      100.0%; Score 54; DB 15; Length 42;
Best Local Similarity 18.2%; Pred. No. 2.9e+02;
Matches 4; Conservative 18; Mismatches 0; Indels 0; Gaps 0;
Qy      1 CXXXXXXXXXXXXXXXXXX 22
Db      12 CVELSGDQSPNICKCCSNGC 33

```

```

RESULT 14
US-10-252-34C-13
Sequence 13, Application US/10/252340
Publication No. US2003007745A1
GENERAL INFORMATION:
; APPLICANT: Rowley, David R.
; TITLE OF INVENTION: Polynucleotides Encoding Urogenital Sinus Derived
; FILE REFERENCE: 1373 01209
; CURRENT APPLICATION NUMBER: US/10/252,340
; PRIORITY FILING DATE: 2002-09-23
; PRIORITY APPLICATION NUMBER: US/09/335,318
; PRIORITY FILING DATE: 1999-06-17
; NUMBER OF SEQ ID NOS: 19
; SOFTWARE: PatentIn Ver. 2.0
; SEQ ID NO: 13
; LENGTH: 43
; TYPE: PRT
; ORGANISM: Homo sapiens
US-10-252-34C-13

Query Match      100.0%; Score 54; DB 15; Length 43;
Best Local Similarity 18.2%; Pred. No. 2.9e+02;
Matches 4; Conservative 18; Mismatches 0; Indels 0; Gaps 0;
Qy      1 CXXXXXXXXXXXXXXXXXX 22
Db      14 CVESCEVDNECSGVKKCCSNGC 35

```

```

RESULT 15
US-10-252-34C-12
Sequence 12, Application US/10/252340
Publication No. US2003007745A1
GENERAL INFORMATION:
; APPLICANT: Rowley, David R.
; TITLE OF INVENTION: Polynucleotides Encoding Urogenital Sinus Derived
; FILE REFERENCE: 1373 01209
; CURRENT APPLICATION NUMBER: US/10/252,340
; PRIORITY FILING DATE: 2002-09-23
; PRIORITY APPLICATION NUMBER: US/09/335,318
; PRIORITY FILING DATE: 1999-06-17
; NUMBER OF SEQ ID NOS: 19
; SOFTWARE: PatentIn Ver. 2.0
; SEQ ID NO: 12
; LENGTH: 44
; TYPE: PRT
; ORGANISM: Caretta caretta
US-10-252-34C-12

Query Match      100.0%; Score 54; DB 15; Length 44;
Best Local Similarity 18.2%; Pred. No. 2.9e+02;
Matches 4; Conservative 19; Mismatches 0; Indels 0; Gaps 0;
Qy      1 CXXXXXXXXXXXXXXXXXX 22
Db      10 CLHGCDSDCKEGQKCPDGC 31

```

Search completed: October 27, 2003, 16:12:13
Job time : 47.5581 secs

GerCore version 5.1.6
Copyright (c) 1993 - 2003 Compugen Ltd.

OM protein - protein search, using sw model

Run on: October 27, 2003, 15:54:41 ; Search time 14.8372 Seconds
(without alignments), 62.737 Million cell updates/sec

Title: US-09-331-631A-39
Perfect score: 54
Sequence: 1 CXXXCXXXXXXXXXXXXCXXXC 22
Scoring table: BIOSUM62DX
Gapop 1C.0 , Gapext 0.5
Searched: 328717 seqs, 42315858 residues

Total number of hits satisfying chosen parameters: 328717

Minimum DB seq length: 0

Maximum DB seq length: 200000000

Post-processing: Maximum Match 0%
Listing first 45 summaries

Database : Issued Patents AB:
1: /cgnr_6/prodata/2/iaa/5A_COMB.pep;*
2: /cgnr_6/prodata/2/iaa/5B_COMB.pep;*
3: /cgnr_6/prodata/2/iaa/5A_COMB.pep;*
4: /cgnr_6/prodata/2/iaa/5B_COMB.pep;*
5: /cgnr_6/prodata/2/iaa/5C_COMB.pep;*
6: /cgnr_6/prodata/2/iaa/backfiles..pep;*

Pred. Nc. is the number of results predicted by chance to have a score greater than or equal to the score of the result being printed.
and is derived by analysis of the total score distribution.

SUMMARIES

Result No.	Score	Query	Match	Length	DB	Description
1	54	100.0	24	3	US-08-810-131A-6	Sequence 6, Appl
2	54	100.0	38	2	US-08-761-248B-11	Sequence 1, Appl
3	54	100.0	39	1	US-08-469-569-A-C	Sequence 40, Appl
4	54	100.0	39	1	US-08-390-82A-1	Sequence 40, Appl
5	54	100.0	39	1	US-08-390-882A-2	Sequence 1, Appl
6	54	100.0	39	1	US-08-390-882A-3	Sequence 2, Appl
7	54	100.0	39	1	US-08-390-882A-4	Sequence 3, Appl
8	54	100.0	39	1	US-08-249-322A-40	Sequence 40, Appl
9	54	100.0	39	1	US-08-169-326-A-10	Sequence 40, Appl
10	54	100.0	39	2	US-08-761-591A-10	Sequence 1, Appl
11	54	100.0	39	2	US-08-469-660-A-40	Sequence 40, Appl
12	54	100.0	39	2	US-08-761-248B-12	Sequence 40, Appl
13	54	100.0	39	3	US-08-734-664A-4C	Sequence 40, Appl
14	54	100.0	39	5	PCT-US94-05083C-40	Sequence 40, Appl
15	54	100.0	39	5	PCT-US95-0046A-40	Sequence 40, Appl
16	54	100.0	42	2	US-08-761-248B-15	Sequence 15, Appl
17	54	100.0	43	2	US-08-761-248B-13	Sequence 13, Appl
18	54	100.0	44	2	US-08-761-248B-12	Sequence 12, Appl
19	54	100.0	45	1	US-08-632-691-1	Sequence 1, Appl
20	54	100.0	45	4	PCT-US94-05083C-40	Sequence 7, Appl
21	54	100.0	45	4	US-08-900-230-0-11	Sequence 11, Appl
22	54	100.0	45	4	US-08-900-230-0-15	Sequence 15, Appl
23	54	100.0	45	4	US-08-900-230-0-52	Sequence 52, Appl
24	54	100.0	45	4	US-08-900-230-0-53	Sequence 53, Appl
25	54	100.0	46	4	US-08-900-230-0-40	Sequence 40, Appl
26	54	100.0	47	3	US-08-882-085B-91	Sequence 91, Appl
27	54	100.0	57	1	US-07-609-716-55	Sequence 56, Appl

ALIGNMENTS

RESULT 1
US-08-810-131A-6
Sequence 6, Application US/388-0131A
GENERAL INFORMATION:
Patent No.: 626894
Applicant: Karin, Michael
Applicant: DiDonato, Joseph A.
Applicant: Rothwarf, David M.
Applicant: Hayakawa, Makio
Applicant: Zandi, Ebrahim
Title of Invention: I-Kappa-B Kinase and Methods of Using
Title of Invention: Same
Number of Sequences: 9
Correspondence Address:
Address: Campbell & Flores LLP
Street: 4370 La Jolla Village Drive, Suite 700
City: San Diego
State: California
Country: United States
ZIP: 92122
Computer Readable Form:
Medium Type: Floppy disk
Computer: IBM PC Compatible
Operating System: PC-DOS/MS-DOS
Software: Patent Release #1.0, Version #: 2.5
Current Application Data:
Application Number: US-09-810-131A
Filing Date: 25-FEB-1997
Classification: 435
Attorney/Agent Information:
Name: Campbell, Cathryn A.
Registration Number: 31,815
Reference/Docket Number: P-UD 2408
Telecommunication Information:
Telephone: (619) 535-9001
Telex/Fax: (619) 535-8949
Information for Seq ID No.: 6:
Sequence Characteristics:
Length: 24 amino acids
Type: amino acid
Strandedness: single
Topology: linear
US-08-810-131A-6
Query Match Similarity 100.0%; Score 54; DB 3; Length 24;
Best Local Similarity 18.2%; Pre. No. 92;
Matches 4; Conservative 18; Mismatches 0; Irre.d.s 0; Gaps 0;
Qy 1 CXXXXXXXXXXXXXXXXXXXXXXXXC 22
| : | : | : | : | : | : | : | : | : |

Db 2 CAAACATGCTTGAGCTCCC 23

RESULT 2
US-09-761-248B11

; Sequence 11, Application US/08761-248B

; GENERAL INFORMATION:

; APPLICANT: ROWLEY, DAVID R.

; TITLE OF INVENTION: JUROGENITAL SINUS DERIVED GROWTH

; NUMBER OF SEQUENCES: 15

; CORRESPONDENCE ADDRESS:

; ADDRESSEES: Jenkins & Giachrist

; STREET: 1100 Louisiana, Suite 1800

; CITY: Houston

; STATE: TX

; COUNTRY: USA

; ZIP: 77002

COMPUTER READABLE FORM:

; MEDIUM TYPE: Diskette

; COMPUTER: IBM Compatible

; OPERATING SYSTEM: DOS

; SOFTWARE: FASTSEQ FOR Windows Version 2.0

CURRENT APPLICATION DATA:

; APPLICATION NUMBER: US/08/761-248B

; FILING DATE: 06-DEC-1996

; CLASSIFICATION: 435

; PRIOR APPLICATION DATA:

; APPLICATION NUMBER: 60/008,348

; FILING DATE: 07-DEC-1995

; ATTORNEY/AGENT INFORMATION:

; NAME: Turley, Charles P

; REGISTRATION NUMBER: 35,723

; SEQUENCE CHARACTERISTICS:

; REFERENCE/DOCKET NUMBER: 34C12.6

; TELECOMMUNICATION INFORMATION:

; TELEPHONE: (713) 9513310

; TELEFAX: (713) 9513314

; TELEX:

; SEQUENCE FOR SEQ ID NC: 11:

SEQUENCE CHARACTERISTICS:

; LENGTH: 38 amino acids

; TYPE: amino acid

; STRANDEDNESS: single

; TOPOLOGY: linear

; MOLECULE TYPE: Peptide

; MOLECULE ID: 11

Query Match Similarity 100.0%; Score 54; DB+2; Length 38;

Yatches 4; Conservative 18; Mismatches 0; Indels 3; Gaps 0;

RESULT 4

Query Match Similarity 100.0%; Score 54; DB+2; Length 39;

Yatches 4; Conservative 18; Mismatches 0; Indels 3; Gaps 0;

JS-08-469-559-40

; Sequence 4C, Application US/08469569

; Patent No. 5606032

; GENERAL INFORMATION:

; APPLICANT: Goodearl, Andrew; Stroobant, Paul;

; ADDRESSSEE: Minghetti, Luisa; Waterfield, Michael; Marchioni, Mark;

; TITLE OF INVENTION: Glial Mitogenic Factors, Their

; NUMBER OF SEQUENCES: 184

; CORRESPONDENCE ADDRESS:

; ADDRESSEES: Felfe & Lynch

; APPLICANT: Minghetti, Luisa; Waterfield, Michael; Marchioni, Mark;

; ADDRESSSEE: Chen, Mao Su; Riles, Ian

; TITLE OF INVENTION: Glial Mitogenic Factors, Their

; NUMBER OF SEQUENCES: 184

; CORRESPONDENCE ADDRESS:

; ADDRESSEES: Felfe & Lynch

; APPLICANT: Chen, Mao Su; Riles, Ian

; ADDRESSSEE: New York City

; STATE: New York

; COUNTRY: USA

; ZIP: 10022

COMPUTER READABLE FORM:

MEDIUM TYPE: Diskette, 5.25 inch, 360 kb storage

COMPUTER: IBM

OPERATING SYSTEM: PC-DOS

SOFTWARE: Wordperfect

COUNTRY: USA

ZIP: 10022

COMPUTER READABLE FORM:

MEDIUM TYPE: Diskette, 5.25 inch, 360 kb storage

COMPUTER: IBM

OPERATING SYSTEM: PC-DOS

SOFTWARE: Wordperfect

CURRENT APPLICATION DATA:

APPLICATION NUMBER: US/08/036,555B

FILING DATE: 24-MAR-1993

CLASSIFICATION: 435

PRIOR APPLICATION DATA:

APPLICATION NUMBER: 07/965,173

FILING DATE: 23-OCT-1992

PRIOR APPLICATION DATA:

APPLICATION NUMBER: C7/940,389

FILING DATE: 03-SEP-1992

PRIOR APPLICATION DATA:

APPLICATION NUMBER: 07/907,138

FILING DATE: 30-JUN-1992

PRIOR APPLICATION DATA:

APPLICATION NUMBER: 07/863,703

FILING DATE: 03-APRIL-1992

PRIOR APPLICATION DATA:

APPLICATION NUMBER: U.K. 91 C7566.3

FILING DATE: 10-APRIL-1992

ATTORNEY/AGENT INFORMATION:

NAME: Tsai, Christine H.

REGISTRATION NUMBER: 34,266

REFERENCE/DOCKET NUMBER: JJD 5250.4

TELECOMMUNICATION INFORMATION:

TELEPHONE: (1212) 688-3200

TELEFAX: (212) 818-3884

INFORMATION FOR SEQ ID NO: 4.C:

SEQUENCE CHARACTERISTICS:

LENGTH: 39

TYPE: amino acid

STRANDEDNESS: linear

TOPOLOGY: linear

; TOPOLOGY: linear

US-08-036-555B-40

Query Match Similarity 100.0%; Score 54; DB+2; Length 39;

Best Local Similarity 18.2%; Pred. No. 1.4e+32;

Matches 4; Conservative 18; Mismatches 0; Indels 3; Gaps 0;

CY

1 CXXXXXXXXXXXXXXXXXX 22

20 CTQECVSDSBCADNLKCCSAGC 31

22 13 CACRCAGAGGTCTCTCCTRC 34

Query Match Similarity 100.0%; Score 54; DB+2; Length 38;

Yatches 4; Conservative 18; Mismatches 0; Indels 3; Gaps 0;

RESULT 4

Sequence 4C, Application US/08469569

; Patent No. 5606032

; GENERAL INFORMATION:

; APPLICANT: Goodearl, Andrew; Stroobant, Paul;

; ADDRESSSEE: Minghetti, Luisa; Waterfield, Michael; Marchioni, Mark;

; TITLE OF INVENTION: Glial Mitogenic Factors, Their

; NUMBER OF SEQUENCES: 184

; CORRESPONDENCE ADDRESS:

; ADDRESSEES: Felfe & Lynch

; APPLICANT: Minghetti, Luisa; Waterfield, Michael; Marchioni, Mark;

; ADDRESSSEE: Chen, Mao Su; Riles, Ian

; TITLE OF INVENTION: Glial Mitogenic Factors, Their

; NUMBER OF SEQUENCES: 184

; CORRESPONDENCE ADDRESS:

; ADDRESSEES: Felfe & Lynch

; APPLICANT: Chen, Mao Su; Riles, Ian

; ADDRESSSEE: New York City

; STATE: New York

; COUNTRY: USA

; ZIP: 10022

COMPUTER READABLE FORM:

MEDIUM TYPE: Diskette, 5.25 inch, 360 kb storage

COMPUTER: IBM

OPERATING SYSTEM: PC-DOS

SOFTWARE: Wordperfect

CURRENT APPLICATION DATA:
 APPLICATION NUMBER: US/08/469,569
 CLASSIFICATION: 530
 PRIORITY APPLICATION DATA:
 APPLICATION NUMBER: CB/036,555
 FILING DATE: 24-MAR-1993
 APPLICATION NUMBER: 07/955,173
 FILING DATE: 23-OCT-1992
 PRIORITY APPLICATION DATA:
 APPLICATION NUMBER: C7/940,389
 FILING DATE: 03-SEP-1992
 PRIORITY APPLICATION DATA:
 APPLICATION NUMBER: C7/907,138
 FILING DATE: 30-JUN-1992
 PRIORITY APPLICATION DATA:
 APPLICATION NUMBER: 07/863,703
 FILING DATE: 03-APR-1992
 PRIORITY APPLICATION DATA:
 APPLICATION NUMBER: J.K. 91 07566 .3
 FILING DATE: 10-APRIL-1991
 ATTORNEY/AGENT INFORMATION:
 NAME: TSAI, Christine H.
 REGISTRATION NUMBER: 34,266
 REFERENCE/DOCKET NUMBER: LUD 525C.4
 TELEPHONE: (212) 688-9206
 TELEFAX: (212) 838-3884
 REFERENCE/DOCKET INFORMATION:
 SEQUENCE CHARACTERISTICS:
 LENGTH: 39
 STRANDEDNESS: linear
 TOPOLOGY: linear
 US-08-469-569-40

Query Match 100.0%; Score 54; DB 1; Length 39;
 Best Local Similarity 18.2%; Pred. No. 1.4e+02;
 Matches 4; Conservative 18; Mismatches 0; Indels 0; Gaps 0;
 Query 1 CXXXXXXXXXXXXXXXXXXXCCXX 22
 Db 13 CACRCAGAGGCTCTCTCTTC 34
 .

RESULT 5
 US-08-390-882A-1
 Sequence 1, Application US/08390882A
 Patent No. 5688764
 GENERAL INFORMATION:
 APPLICANT: Krai, Robert M. Jr.; Krapcho, Karen; Johnson, Janice
 TITLE OF INVENTION: Insecticidal Peptides from Spider Venoms
 NUMBER OF SEQUENCES: 7
 CORRESPONDENCE ADDRESS:
 ADDRESSEE: MADSON & METCALF
 STREET: 950 FIRST INTERSTATE BUILDING
 STREET: 170 SOUTH MAIN STREET
 CITY: SALT LAKE CITY
 STATE: UTAH
 COUNTRY: USA
 ZIP: 84101

COMPUTER READABLE FORM:
 COMPUTER: IBM
 OPERATING SYSTEM: MS-DOS
 SOFTWARE: WORDPERFECT 5.1
 CURRENT APPLICATION DATA:
 APPLICATION NUMBER: US/08/390,882A
 FILING DATE: No. 5688764 assigned
 CLASSIFICATION: 514
 NAME: L. CRAIG METCALF
 REGISTRATION NUMBER: 31,398
 TELECOMMUNICATION INFORMATION:
 TELEPHONE: (801) 537-1700
 TELEFAX: (801) 537-1799
 INFORMATION FOR SEQ ID NO: 2:
 SEQUENCE CHARACTERISTICS:
 LENGTH: 39 amino acids
 TYPE: amino acid
 STRANDEDNESS: single
 TOPOLOGY: unknown
 MOLECULE TYPE: peptide
 HYPOTHETICAL:
 ANTI-SENSE: no
 FRAGMENT TYPE:
 ORIGINAL SOURCE:

ORGANISM: Calisoga sp.
 .

REFERENCE/DOCKET NUMBER: 1034.2.1
 TELECOMMUNICATION INFORMATION:
 TELEPHONE: (801) 537-1700
 TELEFAX: (801) 537-1799
 INFORMATION FOR SEQ ID NO: 1:
 SEQUENCE CHARACTERISTICS:
 LENGTH: 39 amino acids
 TYPE: amino acids
 STRANDEDNESS: single
 TOPOLOGY: unknown
 MOLECULE TYPE: peptide
 HYPOTHETICAL:
 ANTI-SENSE: no
 FRAGMENT TYPE:
 ORIGINAL SOURCE:
 ORGANISM: Calisoga sp.
 INDIVIDUAL ISOLATE: Peptide A
 ORGANELLE: Venom g-and s
 US-38-390-882A-1
 Query Match 100.0%; Score 54; DB 1; Length 39;
 Best Local Similarity 18.2%; Pred. No. 1.4e+02;
 Matches 4; Conservative 18; Mismatches 0; Indels 0; Gaps 0;
 Query 2 CXXXXXXXXXXXXXXXXXXXCCXX 22
 Db 5 CSGNCGTTWTCIRKD-CSKEC 36
 RESULT 6
 JS-08-330-982A-2
 Sequence 2, Application US/08390882A
 Patent No. 5688764
 GENERAL INFORMATION:
 APPLICANT: Krai, Robert M. Jr.; Krapcho, Karen; Johnson, Janice
 TITLE OF INVENTION: Insecticidal Peptides from Spider Venoms
 NUMBER OF SEQUENCES: 7
 CORRESPONDENCE ADDRESS:
 ADDRESSEE: MADSON & METCALF
 STREET: 950 FIRST INTERSTATE BUILDING
 STREET: 170 SOUTH MAIN STREET
 CITY: SALT LAKE CITY
 STATE: UTAH
 COUNTRY: USA
 ZIP: 84101
 COMPUTER READABLE FORM:
 COMPUTER: IBM
 OPERATING SYSTEM: MS-DOS
 SOFTWARE: WORDPERFECT 5.1
 CURRENT APPLICATION DATA:
 APPLICATION NUMBER: US/08/390,882A
 FILING DATE: No. 5688764 assigned
 CLASSIFICATION: 514
 ATTORNEY/AGENT INFORMATION:
 NAME: L. CRAIG METCALF
 REGISTRATION NUMBER: 31,398
 TELECOMMUNICATION INFORMATION:
 TELEPHONE: (801) 537-1700
 TELEFAX: (801) 537-1799
 INFORMATION FOR SEQ ID NO: 2:
 SEQUENCE CHARACTERISTICS:
 LENGTH: 39 amino acids
 TYPE: amino acid
 STRANDEDNESS: single
 TOPOLOGY: unknown
 MOLECULE TYPE: peptide
 HYPOTHETICAL:
 ANTI-SENSE: no
 FRAGMENT TYPE:
 ORIGINAL SOURCE:

INDIVIDUAL ISOLATE: Peptide B
 ORGANELLE: Venom glands
 JS-08-390-8B2A-2

Query Match 100.0%; Score 54; DB 1; Length 39;
 Best Local Similarity 18.2%; Pred. No.: 4e+02;
 Matches 4; Conservative 18; N:mismatches 0; Indexes 0; Gaps 0;

Qy 1 CXXXCXXXXXXXCXXXC 22
 Db 15 CGSGCGFWTFCRKOPCSKEC 36

RESULT 7
 US-08-390-8B2A-3

Sequence 3, Application US/08390882A
 Patent No. 5688764

GENERAL INFORMATION:
 ADDRESSEE: MADSON & METCALF
 STREET: 950 FIRST INTERSTATE BUILDING
 CITY: SALT LAKE CITY
 STATE: UTAH
 COUNTRY: USA
 ZIP: 84101

COMPUTER READABLE FORM:
 COMPUTER: IBM
 OPERATING SYSTEM: MS-DOS
 SOFTWARE: WORDPERFECT 5.i

CURRENT APPLICATION DATA:
 APPLICATION NUMBER: US/08/390-882A
 FILING DATE: 07/08/1991
 CLASSIFICATION: 514

PRIOR APPLICATION DATA:
 APPLICATION NUMBER: 08/036,555
 FILING DATE: 24-MAR-1993
 PRIOR APPLICATION DATA:
 APPLICATION NUMBER: 07/965,173
 FILING DATE: 26-MAY-1994
 CLASSIFICATION: 435
 PRIORITY NUMBER: 08/036,555
 FILING DATE: 24-MAR-1993
 PRIOR APPLICATION DATA:
 APPLICATION NUMBER: 07/940,399
 FILING DATE: 23-OCT-1992
 PRIOR APPLICATION DATA:
 APPLICATION NUMBER: 07/940,399
 FILING DATE: 23-OCT-1992
 PRIOR APPLICATION DATA:
 APPLICATION NUMBER: 07/940,399
 FILING DATE: 30-JUN-1992
 PRIOR APPLICATION DATA:
 APPLICATION NUMBER: 07/863,703
 FILING DATE: 03-APRIL-1992
 PRIOR APPLICATION DATA:
 APPLICATION NUMBER: 07/907,138
 FILING DATE: 30-JUN-1992
 PRIOR APPLICATION DATA:
 APPLICATION NUMBER: 07/863,703
 FILING DATE: 10-APRIL-1991
 ATTORNEY/AGENT INFORMATION:
 NAME: L. CRAIG METCALF
 REGISTRATION NUMBER: 32,398
 TELECOMMUNICATION INFORMATION:
 TELEPHONE: (801) 537-1799
 TELEFAX: (801) 537-1799
 INFORMATION FOR SEQ ID NO: 3:
 SEQUENCE CHARACTERISTICS:
 LENGTH: 39 amino acids
 TYPE: amino acid
 STRANDEDNESS: single
 TOPOLOGY: unknown
 MOLECULE TYPE: Peptide
 HYPOTHETICAL: No
 ANTI-SENSE: No
 FRAGMENT TYPE:
 ORIGINAL SOURCE:
 ORGANISM: Calisoga sp.
 INDIVIDUAL ISOLATE: peptide C
 ORGANELLE: Venom glands
 JS-08-390-8B2A-3

Query Match 100.0%; Score 54; DB 1; Length 39;
 Best Local Similarity 18.2%; Pred. No.: 4e+02;
 Matches 4; Conservative 18; N:mismatches 0; Indexes 0; Gaps 0;

Qy 1 CXXXCXXXXXXXCXXXC 22
 Db 15 CGSGCGFWTFCRKOPCSKEC 36

RESULT 8
 US-08-249-322A-40

Sequence 4, Application US/08469526A
 Patent No. 579849

GENERAL INFORMATION:
 APPLICANT: Goodearl, Andrew
 ATTORNEY: Goodearl, Andrew
 APPLICANT: Stroobant, Paul

APPLICANT: Minghetti, Luisa
APPLICANT: Waterfield, Michael
APPLICANT: Marchiori, Mark
APPLICANT: Chen, Marc Su
APPLICANT: Hiles, Ian

TITLE OF INVENTION: GLIAL MITOGENIC FACTORS, THEIR PREPARATION AND USE

NUMBER OF SEQUENCES: 187

CORRESPONDENCE ADDRESS:
ADDRESSEE: Clark & Eibing LLP
STREET: 176 Federal Street
CITY: Boston
STATE: Massachusetts
COUNTRY: USA
ZIP: 02110

COMPUTER READABLE FORM:
MEDIUM TYPE: Diskette
OPERATING SYSTEM: DOS
SOFTWARE: FastSeq for Windows Version 2.0

CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/08/469,526A
FILING DATE: 06 JUNE 1998
PRIOR APPLICATION DATA:
APPLICATION NUMBER: 08/C36,565
FILING DATE: 24-MAR-1993
APPLICATION NUMBER: 07/965,173
FILING DATE: 23-OCT-1992
APPLICATION NUMBER: 07/940,389
FILING DATE: 01-SEP-1992
APPLICATION NUMBER: 07/907,138
FILING DATE: 03-JUN-1992
APPLICATION NUMBER: 07/863,703
FILING DATE: 03-APR-1992
APPLICATION NUMBER: U.K. 91 C7566.3
FILING DATE: 10-APR-1992
ATTORNEY/AGENT INFORMATION:
NAME: Bicker-Brady, Kristina
REGISTRATION NUMBER: 39,109
REFERENCE/DOCKET NUMBER: C4585/C0200A
TELECOMMUNICATION INFORMATION:
TELEPHONE: 617-428-0200
TELEFAX: 617-428-7045

INFORMATION FOR SEQ ID NO: 40:

SEQUENCE CHARACTERISTICS:
LENGTH: 39
TYPE: amino acid
STRANDEDNESS: single
TOPOLOGY: linear

JS-08-469-526A-40

Query Match Score 54; DB 1; Length 39;
Best Local Similarity 18.2%; Pred. No. 1.4e+02;
Matches 4; Conservative 18; Nsmatches 0; Indels 0; Gaps 0;

Qy 1 CXXXXXXXXXXXXXXXXXX 22
Db 13 SACRCAGGGTCTTCCTTC 34

RESULT 10
JS-08-734-591A-40

GENERAL INFORMATION:
Patent No. 5654220

APPLICANT: Goodearl, Andrew
APPLICANT: Stroobant, Paul
APPLICANT: Minghetti, Luisa
APPLICANT: Waterfield, Michael
APPLICANT: Hiles, Ian
APPLICANT: Marchiori, Mark
APPLICANT: Chen, Mario

TITLE OF INVENTION: GLIAL MITOGENIC FACTORS, THEIR PREPARATION AND USE

NUMBER OF SEQUENCES: 187

CORRESPONDENCE ADDRESS:
ADDRESSEE: Clark & Eibing LLP
STREET: 176 Federal Street
CITY: Boston
STATE: Massachusetts
COUNTRY: U.S.A.
ZIP: 02110

COMPUTER READABLE FORM:
MEDIUM TYPE: 3.5" Diskette, 1.44 MB
COMPUTER: IBM Compatible Pentium
OPERATING SYSTEM: Windows95

SOFTWARE: WordPerfect (Version 7.0)

CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/08/734,591A
FILING DATE: 28-OCT-1996

CLASSIFICATION: 536

PRIOR APPLICATION DATA:
APPLICATION NUMBER: 08/470,335
FILING DATE: 06-JUN-1995

PRIOR APPLICATION DATA:
APPLICATION NUMBER: 38/036,555
FILING DATE: 03-MAR-1993

PRIOR APPLICATION DATA:
APPLICATION NUMBER: 07/965,173
FILING DATE: 23-OCT-1992

PRIOR APPLICATION DATA:
APPLICATION NUMBER: 38/036,555
FILING DATE: 03-SEP-1992

PRIOR APPLICATION DATA:
APPLICATION NUMBER: 07/965,173
FILING DATE: 30-JUN-1992

PRIOR APPLICATION DATA:
APPLICATION NUMBER: 07/963,763
FILING DATE: 03-APR-1992

PRIOR APPLICATION DATA:
APPLICATION NUMBER: 07/957,138
FILING DATE: 10-APR-1991

ATTORNEY/AGENT INFORMATION:
NAME: Bicker-Brady, Kristina
REGISTRATION NUMBER: 39,109
REFERENCE/DOCKET NUMBER: C4585/C0200P
TELECOMMUNICATION INFORMATION:
TELEPHONE: (617) 428-C200
TELEFAX: (617) 428-7045

INFORMATION FOR SEQ ID NO: 40:

SEQUENCE CHARACTERISTICS:
LENGTH: 39
TYPE: amino acid
STRANDEDNESS: linear

JS-08-734-591A-40

Query Match Score 54; DB 2; Length 39;
Best Local Similarity 18.2%; Pred. No. 1.4e+02;
Matches 4; Conservative 18; Nsmatches 0; Indels 0; Gaps 0;

Qy 1 CXXXXXXXXXXXXXXXXXX 22
Db 13 CACRCAGGGTCTTCCTTC 34

RESULT 11
JS-08-469-660-40

GENERAL INFORMATION:
Sequence 40, Application US/08469660

Patent No. 5876973

GENERAL INFORMATION:
APPLICANT: Goytne, David I.; Marchiori, Mark;
APPLICANT: McBurney, Robert N.
TITLE OF INVENTION: INHIBITORS OF CELL PROLIFERATION,

```

TITLE OF INVENTION: THEIR PREPARATION AND USE
NUMBER OF SEQUENCES: 184
CORRESPONDENCE ADDRESS:
ADDRESSEE: Fish & Richardson;
CITY: Boston;
STREET: 225 Franklin Street
STATE: Massachusetts
Z.P.: 0211-2044
COMPUTER READABLE FORM:
MEDIUM TYPE: Diskette, 5.25 inch, 360 kb storage
COMPUTER: IBM
OPERATING SYSTEM: PC-DOS
SOFTWARE: Wordperfect
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/08/469, 660
FILING DATE:
CLASSIFICATION: 435
PRIOR APPLICATION DATA:
APPLICATION NUMBER: C8/011, 396
FILING DATE: 29-JAN-1993
PRIOR APPLICATION DATA:
APPLICATION NUMBER: 07/984, 085
FILING DATE: 01-DEC-1992
PRIOR APPLICATION DATA:
APPLICATION NUMBER: 07/951, 747
FILING DATE: 25-SEP-1992
PRIOR APPLICATION DATA:
APPLICATION NUMBER: 07/927, 337
FILING DATE: 10-AUG-1992
ATTORNEY/AGENT INFORMATION:
NAME: Clark, Paul T.
REGISTRATION NUMBER: 3C, 162
REFERENCE/DOCKET NUMBER: 04585/017004
TELECOMMUNICATION INFORMATION:
TELEPHONE: (617) 542-2070
TELEFAX: (201)54
INFORMATION FOR SEQ ID NO: 4C:
SEQUENCE CHARACTERISTICS:
LENGTH: 39
TYPE: amino acid
STRANGENESS:
TOPOLOGY: linear
US - 08-469-660-40

Query Match 100.0%; Score 54; DB 2; Length 22
Best Local Similarity 18.2%; Pred. No. 4.e+0;
Matches 4; Conservative 18; Mismatches 0; In
      1 CXXXCXXXXXX XXXX XXXX XXXX 22
      13 CACRAGAAGSTCTTCCTCCCTC 34

RESULT 12
US - 08-735-021-40
Application US/08735021B
Patent No. 6194377
GENERAL INFORMATION:
APPLICANT: GOODBAR, ANDREW
APPLICANT: STRICKDANT, PAUL
APPLICANT: MINIGHETTI, LUISA
APPLICANT: WATERFIELD, MICHAEL
APPLICANT: MARCIIONI, MARK
APPLICANT: CHEN, MARIO S.
APPLICANT: HILES, IAN
TITLE OF INVENTION: GIJAL MITOGENIC FACTORS, THEIR
FILE REFERENCE: C4585/00200L
CURRENT APPLICATION NUMBER: US/08/735.021B
CURRENT FILING DATE: 19-AUG-2002
EARLIER APPLICATION NUMBER: US/08/472, 065
EARLIER FILING DATE: 1995-06-06
EARLIER APPLICATION NUMBER: 08/036, 555

```

APPLICATION NUMBER: C71663, 703
FILED DATE: 03-AFR-1992
PRIOR APPLICATION DATA:
APPLICATION NUMBER: UK 91 37566 .3
FILING DATE: 10-APR-1991
ATTORNEY/AGENT INFORMATION:
NAME: Bicker-Brady, Kristina
REGISTRATION NUMBER: 39,109
REFERENCE/DOCKET NUMBER: 04585/0020CJ
TELECOMMUNICATION INFORMATION:
TELEPHONE: (617) 428-0400
TELEFAX: (617) 428-7045

TELEX:
INFORMATION FOR SEQ ID NO: 40:
SEQUENCE CHARACTERISTICS:
LENGTH: 39
TYPE: amino acid
STRANDEDNESS:
TOPOLOGY: linear

S - 08-734 664A-40

Query Match Score 54; DB 3; Length 39;
Best Local Similarity 18.2%; Pred. No. 1.4e+02;
Matches 4; Conservative 18; Mismatches 0;
Indels 0; Gaps 0;

Y 1 CXXXCCCCCCCCCCCCCCC 22
b 13 CACRCAGAAAGTCCTCCCTC 34

RESULT 14
PCT-US94-05083C-40
Sequence 40 Application PC/TUS9405083C
GENERAL INFORMATION:
APPLICANT: Robert Sklar, Mark Marchionni,
APPLICANT: David J. Gwyne
TITLE OF INVENTION: METHODS FOR ALTERING
TITLE OF INVENTION: MUSCLE CONDITION
NUMBER OF SEQUENCES: 185
CORRESPONDENCE ADDRESS:
ADDRESS: Fish & Richardson
STREET: 225 Franklin Street
CITY: Boston
STATE: Massachusetts
ZIP: C2110-2804
OPERATING SYSTEM: PC-DOS
SOFTWARE: Wordperfect
CURRENT APPLICATION DATA:
APPLICATION NUMBER: PCT/US94/05083C
FILING DATE: 06-MAY-94
CLASSIFICATION:
ATTORNEY/AGENT INFORMATION:
NAME: Clark, Paul T.
REGISTRATION NUMBER: 30,162
REFERENCE/DOCKET NUMBER: 04585/028W0
TELECOMMUNICATION INFORMATION:
TELEPHONE: (617) 542-5010
TELEFAX: (617) 542-8906

INFORMATION FOR SEQ ID NO: 40:
SEQUENCE CHARACTERISTICS:
LENGTH: 39
TYPE: amino acid

TELEX: 200154
INFORMATION FOR SEQ ID NO: 40:
SEQUENCE CHARACTERISTICS:
LENGTH: 39
TYPE: amino acid

TOPOLOGY: linear

STRANDEDNESS:
TOPOLOGY: linear

PCT-US94 05083C-40

RESULT 15
PCT-US95-C6846A-40
Sequence 40 Application PC/TUS9506846A
GENERAL INFORMATION:
APPLICANT: Goodearl, Andrew David; Stroobant, Paul;
APPLICANT: Minghetti, Luisa; Waterfield, Michael; Marchionni, Mark;
APPLICANT: Chen, Mai Su; Hiles, Ian
TITLE OF INVENTION: Glial Mitogenic Factors, Their
NUMBER OF SEQUENCES: 176
CORRESPONDENCE ADDRESS:
ADDRESSEE: Felife & Lynch
STREET: 805 Third Avenue
CITY: New York City
STATE: New York
COUNTRY: USA
ZIP: 10022
COMPUTER READABLE FORM:
MEDIUM TYPE: Diskette, 5.25 inch., 360 kb storage
COMPUTER: IBM
OPERATING SYSTEM: PC-DCS
SOFTWARE: Wordperfect
CURRENT APPLICATION DATA:
APPLICATION NUMBER: PCT/US95/C6846A
FILING DATE: 25-MAY-1995
PRIOR APPLICATION DATA:
APPLICATION NUMBER: 08/249,322
FILING DATE: 26-MAY-1994
CLASSIFICATION:
PRIOR APPLICATION DATA:
APPLICATION NUMBER: 08/036,555
FILING DATE: 24-MAR-1993
PRIOR APPLICATION DATA:
APPLICATION NUMBER: 07/965,173
FILING DATE: 23-OCT-1992
PRIOR APPLICATION DATA:
APPLICATION NUMBER: 07/940,389
FILING DATE: 03-SEP-1992
PRIOR APPLICATION DATA:
APPLICATION NUMBER: 07/907,138
FILING DATE: 30-JUN-1992
PRIOR APPLICATION DATA:
APPLICATION NUMBER: 07/863,703
FILING DATE: 03-APRIL-1992
PRIOR APPLICATION DATA:
APPLICATION NUMBER: 07/956,3
FILING DATE: 10-APRIL-1991
ATTORNEY/AGENT INFORMATION:
NAME: Hanson, Norman D.
REGISTRATION NUMBER: 30,946
REFERENCE/DOCKET NUMBER: LUD 5250.5
TELECOMMUNICATION INFORMATION:
TELEPHONE: (212) 688-9200
TELEFAX: (212) 838-3884
INFORMATION FOR SEQ ID NO:
SEQUENCE CHARACTERISTICS:
LENGTH: 39
TYPE: amino acid
TOPOGY: linear

PCT-US95-06846A-40

Query Match 100.0%; Score 54; DB 5; Length: 39;
Best Local Similarity 18.2%; Pred. No. 1.4e+02;
Matches 4; Conservative -8; Mismatches 0; Indels 0;
Gaps 0;

Qy 1 CXXXXCXXXXXXCCCCC 22
Db 13 GACRCAGAAGGGCTTCCTTC 34

Search completed: October 27, 2003, 16:04:01
Job time : 25.8372 secs

Gencore version 5.1.6
Copyright (c) 1993 - 2003 Compugen Ltd.

ON protein - protein search, using sw model

Run on: October 27, 2003, 15:54:41 ; Search time 44:4419 seconds
(without alignments)
79.13C Million cell updates/sec

Title: US-09-331-631A-38
Sequence: CXXXCXXXXXXCXXXXC 21

Scoring table: BLOSUM6DDX
Gapop 10.0 , Gapext 0.5

Searched: 622382 seqs, 16746363C residues

Total number of hits satisfying chosen parameters:
Minimum DB seq length: 0
Maximum DB seq length: 2000000000

Post-processing: Minimum Match 0%

Maximum Match 100%

Listing first 45 summaries

Published Applications AA.*

- 1: /cgri2_6/ptodata//1/pubseq/1/us07_pubcoms.pep:*
- 2: /cgri2_6/ptodata//1/pubseq/1/us06_pubcoms.pep:*
- 3: /cgri2_6/ptodata//1/pubseq/1/us06_new_pub.pep:*
- 4: /cgri2_6/ptodata//1/pubseq/1/us07_new_pub.pep:*
- 5: /cgri2_6/ptodata//1/pubseq/1/us07_new_pub.pep:*
- 6: /cgri2_6/ptodata//1/pubseq/1/us09c_pubcoms.pep:*
- 7: /cgri2_6/ptodata//1/pubseq/1/us09c_pubcoms.pep:*
- 8: /cgri2_6/ptodata//1/pubseq/1/us08_pubcoms.pep:*
- 9: /cgri2_6/ptodata//1/pubseq/1/us09a_pubcoms.pep:*
- 10: /cgri2_6/ptodata//1/pubseq/1/us09b_pubcoms.pep:*
- 11: /cgri2_6/ptodata//1/pubseq/1/us09c_pubcoms.pep:*
- 12: /cgri2_6/ptodata//1/pubseq/1/us09c_pubcoms.pep:*
- 13: /cgri2_6/ptodata//1/pubseq/1/us10a_pubcoms.pep:*
- 14: /cgri2_6/ptodata//1/pubseq/1/us10a_pubcoms.pep:*
- 15: /cgri2_6/ptodata//1/pubseq/1/us10b_pubcoms.pep:*
- 16: /cgri2_6/ptodata//1/pubseq/1/us10_new_pub.pep:*
- 17: /cgri2_6/ptodata//1/pubseq/1/us60_new_pub.pep:*
- 18: /cgri2_6/ptodata//1/pubseq/1/us60c_pubcoms.pep:*

Preq. No. is the number of results predicted by chance to have a score greater than or equal to the score of the result being printed, and is derived by analysis of the total score distribution.

SUMMARIES

Result No. Score Match Length DB ID Description

Result No.	Score	Match Length	DB ID	Description
1	53	100.0	21	10 US-09-331-631A-38
2	53	100.0	21	12 US-09-331-631A-38
3	53	100.0	28	10 US-09-331-631A-32
4	53	100.0	28	10 US-09-331-631A-35
5	53	100.0	28	12 US-10-147-095-32
6	53	100.0	28	12 US-10-147-095-35
7	53	100.0	37	12 US-10-146-984-A-2
8	53	100.0	37	15 US-10-008-2778-2
9	53	100.0	38	9 JS-09-847-85-47
10	53	100.6	38	15 US-10-224-86-47
11	53	100.0	39	12 US-10-C29-386-7417
12	53	100.0	40	14 US-10-124-557-8
13	53	100.0	41	14 US-10-124-557-6
14	53	100.0	43	12 US-10-063-685-169
15	53	100.0	43	15 US-10-184-644-611

Result No.	Score	Match Length	DB ID	Description
1	53	100.0	21	10 US-09-331-631A-38
2	53	100.0	21	12 US-09-331-631A-38
3	53	100.0	28	10 US-09-331-631A-32
4	53	100.0	28	10 US-09-331-631A-35
5	53	100.0	28	12 US-10-147-095-32
6	53	100.0	28	12 US-10-147-095-35
7	53	100.0	37	12 US-10-146-984-A-2
8	53	100.0	37	15 US-10-008-2778-2
9	53	100.0	38	9 JS-09-847-85-47
10	53	100.6	38	15 US-10-224-86-47
11	53	100.0	39	12 US-10-C29-386-7417
12	53	100.0	40	14 US-10-124-557-8
13	53	100.0	41	14 US-10-124-557-6
14	53	100.0	43	12 US-10-063-685-169
15	53	100.0	43	15 US-10-184-644-611

SEQ ID NO: 38 LENGTH: 21 TYPE: PRT

ORGANISM: Artificial Sequence

FEATURE: OTHER INFORMATION: Consensus sequence for antimicrobial peptides

APPLICANT: Manners, John M.

APPLICANT: Marcus, John Paul

APPLICANT: Goulier, Kenneth C.

APPLICANT: Green, Jodie L.

TITLE OF INVENTION: ANTIMICROBIAL PROTEINS

FILE REFERENCE: CULIN2_CCLAC CURRENT APPLICATION NUMBER: US/C9/331-631A

PRIOR APPLICATION NUMBER: US2003016392A1 PRIOR FILING DATE: 1999-06-21

PRIOR APPLICATION NUMBER: AU 20 4275 PRIOR FILING DATE: 1996-12-22

NUMBER OF SEQ ID NOS: 40 SOFTWARE: FastSEQ for Windows Version 3.0

SEQ ID NO: 38 LENGTH: 21 TYPE: PRT

ORGANISM: Artificial Sequence

FEATURE: OTHER INFORMATION: Consensus sequence for antimicrobial peptides

APPLICANT: Manners, John M.

APPLICANT: Marcus, John Paul

APPLICANT: Goulier, Kenneth C.

APPLICANT: Green, Jodie L.

TITLE OF INVENTION: ANTIMICROBIAL PROTEINS

FILE REFERENCE: CULIN2_CCLAC CURRENT APPLICATION NUMBER: US/C9/331-631A

PRIOR APPLICATION NUMBER: US2003016392A1 PRIOR FILING DATE: 1999-06-21

PRIOR APPLICATION NUMBER: AU 20 4275 PRIOR FILING DATE: 1996-12-22

NUMBER OF SEQ ID NOS: 40 SOFTWARE: FastSEQ for Windows Version 3.0

SEQ ID NO: 38 LENGTH: 21 TYPE: PRT

ORGANISM: Artificial Sequence

FEATURE: OTHER INFORMATION: Consensus sequence for antimicrobial peptides

APPLICANT: Manners, John M.

APPLICANT: Marcus, John Paul

APPLICANT: Goulier, Kenneth C.

APPLICANT: Green, Jodie L.

TITLE OF INVENTION: ANTIMICROBIAL PROTEINS

FILE REFERENCE: CULIN2_CCLAC CURRENT APPLICATION NUMBER: US/C9/331-631A

PRIOR APPLICATION NUMBER: US2003016392A1 PRIOR FILING DATE: 1999-06-21

PRIOR APPLICATION NUMBER: AU 20 4275 PRIOR FILING DATE: 1996-12-22

NUMBER OF SEQ ID NOS: 40 SOFTWARE: FastSEQ for Windows Version 3.0

SEQ ID NO: 38 LENGTH: 21 TYPE: PRT

ORGANISM: Artificial Sequence

FEATURE: OTHER INFORMATION: Consensus sequence for antimicrobial peptides

APPLICANT: Manners, John M.

APPLICANT: Marcus, John Paul

APPLICANT: Goulier, Kenneth C.

APPLICANT: Green, Jodie L.

TITLE OF INVENTION: ANTIMICROBIAL PROTEINS

FILE REFERENCE: CULIN2_CCLAC CURRENT APPLICATION NUMBER: US/C9/331-631A

PRIOR APPLICATION NUMBER: US2003016392A1 PRIOR FILING DATE: 1999-06-21

PRIOR APPLICATION NUMBER: AU 20 4275 PRIOR FILING DATE: 1996-12-22

NUMBER OF SEQ ID NOS: 40 SOFTWARE: FastSEQ for Windows Version 3.0

SEQ ID NO: 38 LENGTH: 21 TYPE: PRT

ORGANISM: Artificial Sequence

FEATURE: OTHER INFORMATION: Consensus sequence for antimicrobial peptides

APPLICANT: Manners, John M.

APPLICANT: Marcus, John Paul

APPLICANT: Goulier, Kenneth C.

APPLICANT: Green, Jodie L.

TITLE OF INVENTION: ANTIMICROBIAL PROTEINS

FILE REFERENCE: CULIN2_CCLAC CURRENT APPLICATION NUMBER: US/C9/331-631A

PRIOR APPLICATION NUMBER: US2003016392A1 PRIOR FILING DATE: 1999-06-21

PRIOR APPLICATION NUMBER: AU 20 4275 PRIOR FILING DATE: 1996-12-22

NUMBER OF SEQ ID NOS: 40 SOFTWARE: FastSEQ for Windows Version 3.0

SEQ ID NO: 38 LENGTH: 21 TYPE: PRT

ORGANISM: Artificial Sequence

FEATURE: OTHER INFORMATION: Consensus sequence for antimicrobial peptides

APPLICANT: Manners, John M.

APPLICANT: Marcus, John Paul

APPLICANT: Goulier, Kenneth C.

APPLICANT: Green, Jodie L.

TITLE OF INVENTION: ANTIMICROBIAL PROTEINS

FILE REFERENCE: CULIN2_CCLAC CURRENT APPLICATION NUMBER: US/C9/331-631A

PRIOR APPLICATION NUMBER: US2003016392A1 PRIOR FILING DATE: 1999-06-21

PRIOR APPLICATION NUMBER: AU 20 4275 PRIOR FILING DATE: 1996-12-22

NUMBER OF SEQ ID NOS: 40 SOFTWARE: FastSEQ for Windows Version 3.0

SEQ ID NO: 38 LENGTH: 21 TYPE: PRT

ORGANISM: Artificial Sequence

FEATURE: OTHER INFORMATION: Consensus sequence for antimicrobial peptides

APPLICANT: Manners, John M.

APPLICANT: Marcus, John Paul

APPLICANT: Goulier, Kenneth C.

APPLICANT: Green, Jodie L.

TITLE OF INVENTION: ANTIMICROBIAL PROTEINS

FILE REFERENCE: CULIN2_CCLAC CURRENT APPLICATION NUMBER: US/C9/331-631A

PRIOR APPLICATION NUMBER: US2003016392A1 PRIOR FILING DATE: 1999-06-21

PRIOR APPLICATION NUMBER: AU 20 4275 PRIOR FILING DATE: 1996-12-22

NUMBER OF SEQ ID NOS: 40 SOFTWARE: FastSEQ for Windows Version 3.0

SEQ ID NO: 38 LENGTH: 21 TYPE: PRT

ORGANISM: Artificial Sequence

FEATURE: OTHER INFORMATION: Consensus sequence for antimicrobial peptides

APPLICANT: Manners, John M.

APPLICANT: Marcus, John Paul

APPLICANT: Goulier, Kenneth C.

APPLICANT: Green, Jodie L.

TITLE OF INVENTION: ANTIMICROBIAL PROTEINS

FILE REFERENCE: CULIN2_CCLAC CURRENT APPLICATION NUMBER: US/C9/331-631A

PRIOR APPLICATION NUMBER: US2003016392A1 PRIOR FILING DATE: 1999-06-21

PRIOR APPLICATION NUMBER: AU 20 4275 PRIOR FILING DATE: 1996-12-22

NUMBER OF SEQ ID NOS: 40 SOFTWARE: FastSEQ for Windows Version 3.0

SEQ ID NO: 38 LENGTH: 21 TYPE: PRT

ORGANISM: Artificial Sequence

FEATURE: OTHER INFORMATION: Consensus sequence for antimicrobial peptides

APPLICANT: Manners, John M.

APPLICANT: Marcus, John Paul

APPLICANT: Goulier, Kenneth C.

APPLICANT: Green, Jodie L.

TITLE OF INVENTION: ANTIMICROBIAL PROTEINS

FILE REFERENCE: CULIN2_CCLAC CURRENT APPLICATION NUMBER: US/C9/331-631A

PRIOR APPLICATION NUMBER: US2003016392A1 PRIOR FILING DATE: 1999-06-21

PRIOR APPLICATION NUMBER: AU 20 4275 PRIOR FILING DATE: 1996-12-22

NUMBER OF SEQ ID NOS: 40 SOFTWARE: FastSEQ for Windows Version 3.0

SEQ ID NO: 38 LENGTH: 21 TYPE: PRT

ORGANISM: Artificial Sequence

FEATURE: OTHER INFORMATION: Consensus sequence for antimicrobial peptides

APPLICANT: Manners, John M.

APPLICANT: Marcus, John Paul

APPLICANT: Goulier, Kenneth C.

APPLICANT: Green, Jodie L.

TITLE OF INVENTION: ANTIMICROBIAL PROTEINS

FILE REFERENCE: CULIN2_CCLAC CURRENT APPLICATION NUMBER: US/C9/331-631A

PRIOR APPLICATION NUMBER: US2003016392A1 PRIOR FILING DATE: 1999-06-21

PRIOR APPLICATION NUMBER: AU 20 4275 PRIOR FILING DATE: 1996-12-22

NUMBER OF SEQ ID NOS: 40 SOFTWARE: FastSEQ for Windows Version 3.0

SEQ ID NO: 38 LENGTH: 21 TYPE: PRT

ORGANISM: Artificial Sequence

FEATURE: OTHER INFORMATION: Consensus sequence for antimicrobial peptides

APPLICANT: Manners, John M.

APPLICANT: Marcus, John Paul

APPLICANT: Goulier, Kenneth C.

APPLICANT: Green, Jodie L.

TITLE OF INVENTION: ANTIMICROBIAL PROTEINS

FILE REFERENCE: CULIN2_CCLAC CURRENT APPLICATION NUMBER: US/C9/331-631A

PRIOR APPLICATION NUMBER: US2003016392A1 PRIOR FILING DATE: 1999-06-21

PRIOR APPLICATION NUMBER: AU 20 4275 PRIOR FILING DATE: 1996-12-22

NUMBER OF SEQ ID NOS: 40 SOFTWARE: FastSEQ for Windows Version 3.0

SEQ ID NO: 38 LENGTH: 21 TYPE: PRT

ORGANISM: Artificial Sequence

FEATURE: OTHER INFORMATION: Consensus sequence for antimicrobial peptides

APPLICANT: Manners, John M.

APPLICANT: Marcus, John Paul

APPLICANT: Goulier, Kenneth C.

APPLICANT: Green, Jodie L.

TITLE OF INVENTION: ANTIMICROBIAL PROTEINS

FILE REFERENCE: CULIN2_CCLAC CURRENT APPLICATION NUMBER: US/C9/331-631A

PRIOR APPLICATION NUMBER: US2003016392A1 PRIOR FILING DATE: 1999-06-21

PRIOR APPLICATION NUMBER: AU 20 4275 PRIOR FILING DATE: 1996-12-22

NUMBER OF SEQ ID NOS: 40 SOFTWARE: FastSEQ for Windows Version 3.0

SEQ ID NO: 38 LENGTH: 21 TYPE: PRT

ORGANISM: Artificial Sequence

US-10-147-095-38
Sequence 38 Application US/0147095

; Publication No. US20030171274A1

; GENERAL INFORMATION:

; APPLICANT: Manners, John M.

; APPLICANT: Marcus, John Paul

; APPLICANT: Gouler, Kenneth C.

; APPLICANT: Green, Jodie L.

; TITLE OF INVENTION: ANTIMICROBIAL PROTEINS

; FILE REFERENCE: CULN23.001APC

; CURRENT APPLICATION NUMBER: US10C/147, C95

; CURRENT FILING DATE: 2002-05-15

; PRIOR APPLICATION NUMBER: US/09/331,631A

; PRIOR FILING DATE: 1999-06-21

; PRIORITY APPLICATION NUMBER: PCT/AJ97/00874

; PRIOR FILING DATE: 1997-12-22

; PRIOR APPLICATION NUMBER: AU PO 4275

; PRIOR FILING DATE: 1996-12-20

; NUMBER OF SEQ ID NOS: 40

; SOFTWARE: FastSEQ for Windows Version 3.0

; SEQ ID NO: 38

; LENGTH: 21

; TYPE: PRT

; ORGANISM: Artificial Sequence

; OTHER INFORMATION: Consensus sequence for antimicrobial peptides

US-10-147-095-38

Query Match 100.0%; Score 53; DB 12; Length: 21;

Best Local Similarity 100.0%; Pred. No. 1.5e+02;

Matches 21; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Db 1 CXXXCXXXXXXXXXXXXXXCXXXXC 21

1 CXXXCXXXXXXXXXXXXXXCXXXXC 21

4 CXXXCXXXXXXXXXXXXXXCXXXXC 24

RESULT 3

US-09-331-631-A-32

; Sequence 32, Application US/09331631A

; Patent No. US20030168192A1

; GENERAL INFORMATION:

; APPLICANT: Manners, John M.

; APPLICANT: Gouler, Kenneth C.

; APPLICANT: Green, Jodie L.

; TITLE OF INVENTION: ANTIMICROBIAL PROTEINS

; FILE REFERENCE: CULN23.001APC

; CURRENT APPLICATION NUMBER: US10C/147, 095

; CURRENT FILING DATE: 1999-06-15

; PRIOR APPLICATION NUMBER: US/09/331,631A

; PRIOR FILING DATE: 1999-06-21

; PRIOR APPLICATION NUMBER: PCT/AU97/00874

; PRIOR FILING DATE: 1997-12-22

; PRIOR APPLICATION NUMBER: AU PO 4275

; PRIOR FILING DATE: 1996-12-20

; NUMBER OF SEQ ID NOS: 40

; SOFTWARE: FastSEQ for Windows Version 3.0

; SEQ ID NO: 32

; LENGTH: 28

; TYPE: PRT

; ORGANISM: Artificial Sequence

; OTHER INFORMATION: Consensus sequence for antimicrobial peptides

US-09-331-631A-32

Query Match 100.0%; Score 53; DB 12; Length: 28;

Best Local Similarity 100.0%; Pred. No. 2e+02;

Matches 21; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

RESULT 4

US-09-331-631A-35

; Sequence 35, Application US/09331631A

; Patent No. US20030168192A1

; GENERAL INFORMATION:

; APPLICANT: Manners, John M.

; APPLICANT: Gouler, Kenneth C.

; APPLICANT: Green, Jodie L.

; TITLE OF INVENTION: ANTIMICROBIAL PROTEINS

; FILE REFERENCE: CULN23.001APC

; CURRENT APPLICATION NUMBER: US/09/331,631A

; CURRENT FILING DATE: 1999-06-12

; PRIOR APPLICATION NUMBER: PCT/AU97/00874

; PRIOR FILING DATE: 1997-12-22

; PRIOR APPLICATION NUMBER: AU PO 4275

; PRIOR FILING DATE: 1996-12-20

; NUMBER OF SEQ ID NOS: 40

; SOFTWARE: FastSEQ for Windows Version 3.0

; SEQ ID NO: 35

; LENGTH: 28

; TYPE: PRT

; ORGANISM: Artificial Sequence

; OTHER INFORMATION: Consensus sequence for antimicrobial peptides

US-10-147-095-32

Query Match 100.0%; Score 53; DB 12; Length: 28;

Best Local Similarity 100.0%; Pred. No. 2e+02;

Matches 21; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

RESULT 6
US-10-147-095-35
Sequence 35, Application US/10247095
; GENERAL INFORMATION:
; Publication No. US20030171274A1
; APPLICANT: Manners, John M.
; APPLICANT: Marcus, John Paul
; APPLICANT: Goulter, Kenneth C.
; APPLICANT: Green, Codie J.
; TITLE OF INVENTION: ANTIMICROBIAL PROTEINS
; FILE PREFERENCE: CULLN3 .001APC
; CURRENT FILING DATE: 2002-05-15
; PRIOR APPLICATION NUMBER: JS/09/331,631A
; PRIOR FILING DATE: 1999-06-21
; PRIOR APPLICATION NUMBER: PCT/AU97/00874
; PRIOR FILING DATE: 1997-12-22
; PRIOR APPLICATION NUMBER: AU PC 4275
; PRIOR FILING DATE: 1996-12-20
; NUMBER OF SEQ ID NCS: 40
; SOFTWARE: FastSEQ for Windows Version 3.0
; SEQ ID NC 35
; LENGTH: 28
; TYPE: PRT
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Consensus sequence for antimicrobial peptides
; OTHER INFORMATION: wherein X is any amino acid and the first and last
; OTHER INFORMATION: X are phenylalanine or Tyrosine.
US-10-147-095-35

Query Match 100.0%; Score 53; DB 12; Length 28;
Best Local Similarity 100.0%; Pred. No. 2+02; Indexes 0; Gaps 0;
Matches 21; Conservative 2; Mismatches 0; Indexes 0; Gaps 0;

RESULT 7
US-10-146-984A-2
Sequence 2, Application US/10146984A
; GENERAL INFORMATION:
; APPLICANT: Moon, Young Cho Chon
; TITLE OF INVENTION: Inhibitors of Src and Other Protein Kinases
; FILE REFERENCE: VPI-01-111
; CURRENT APPLICATION NUMBER: US/10/146,984A
; CURRENT FILING DATE: 2002-05-16
; PRIOR APPLICATION NUMBER: US 60/2291,340
; PRIOR FILING DATE: 2001-05-16
; NUMBER OF SEQ ID NCS: 3
; SOFTWARE: PatentIn version 3.0
; SEQ ID NO 2
; LENGTH: 37
; TYPE: PRT
; ORGANISM: Homo sapiens

Query Match 100.0%; Score 53; DB 12; Length 37;
Best Local Similarity 100.0%; Pred. No. 2.6+02; Indexes 0; Gaps 0;
Matches 4; Conservative 17; Mismatches 0; Indexes 0; Gaps 0;

RESULT 8
US-10-098-277B-2
Sequence 2, Application US/10002277B
; GENERAL INFORMATION:
; APPLICANT: Vertex Pharmaceuticals Incorporated
; APPLICANT: Saituro, Francesco
; APPLICANT: Bemis, Guy
; APPLICANT: Green, Jeremy
; APPLICANT: Jasna, Fejzo
; APPLICANT: Xie, Xueling
; TITLE OF INVENTION: Inhibitors of c-Src N-Terminal Kinases (TNK)
; FILE REFERENCE: VP/99-06 CON
; CURRENT APPLICATION NUMBER: US/1C/008,277B
; CURRENT FILING DATE: 2001-12-21
; PRIOR APPLICATION NUMBER: PCT/US00/15248
; PRIOR FILING DATE: 2000-06-02
; PRIOR FILING DATE: 1999-06-02
; NUMBER OF SEQ ID NOS: 3
; SOFTWARE: PatentIn version 3.0
; SEQ ID NO 2
; LENGTH: 37
; TYPE: PRT
; ORGANISM: Homo sapiens
US-10-098-277B-2

Query Match 100.0%; Score 53; DB 15; Length 37;
Best Local Similarity 100.0%; Pred. No. 2.6+02;
Matches 4; Conservative 17; Mismatches 0; Indexes 0; Gaps 0;

Query 1 CXXXXXXXXXXXXXXXXXX 21
2 CXXXXXXXXXXXXXXXXXX 24
3 CXXXXXXXXXXXXXXXXXX 24
4 CXXXXXXXXXXXXXXXXXX 24

Query Match 100.0%; Score 53; DB 12; Length 28;
Best Local Similarity 100.0%; Pred. No. 2+02; Indexes 0; Gaps 0;
Matches 21; Conservative 2; Mismatches 0; Indexes 0; Gaps 0;

RESULT 9
US-09-847-185-47
Sequence 47, Application US/09847185
; GENERAL INFORMATION:
; APPLICANT: Soo Hoo, William
; TITLE OF INVENTION: MEMBRANE-BOUND CYTOKINE COMPOSITIONS
; COMPRISING GM-CSF AND METHODS OF MODULATING AN IMMUNE
; RESPONSE USING SAME
; NUMBER OF SEQUENCES: 5C
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: CAMPBELL & FLORES, LLP
; STREET: 4370 La Jolla Village Drive, Suite 7CC
; CITY: San Diego
; STATE: California
; COUNTRY: United States
; ZIP: 92121
; COMPUTER READABLE FORM:
; MEDIUM TYPE: FLICKY disk
; COMPUTER: IBM PC compatible
; OPERATING SYSTEM: PC-DOS/MS-DOS
; SOFTWARE: PatentIt Release #1.C, Version #1.25
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/09/847,185
; FILING DATE: 01-May-2001
; CLASSIFICATION: <Unknown>
; PRIORITY APPLICATION NUMBER: 09/201,931
; FILING DATE: <Unknown>
; ATTORNEY/AGENT INFORMATION:
; NAME: Campbell, Cathryn A.
; REGISTRATION NUMBER: 31,815
; REFERENCE DOCKET NUMBER: P-IM 2442
; TELECOMMUNICATION INFORMATION:

Query Match 100.0%; Score 53; DB 12; Length 37;
Best Local Similarity 100.0%; Pred. No. 2.6+02; Indexes 0; Gaps 0;
Matches 1 CXXXXXXXXXXXXXXXXXX 21
2 CXXXXXXXXXXXXXXXXXX 24
3 CXXXXXXXXXXXXXXXXXX 24
4 CXXXXXXXXXXXXXXXXXX 24

TELEPHONE: (619)535-9300;
 TELEFAX: (619)535-8949
 INFORMATION FOR SEQ ID NO: 47:
 LENGTH: 38 amino acids
 TYPE: amino acid
 TOPOLOGY: linear
 MOLECULE TYPE: Peptide
 SEQUENCE DESCRIPTION: SEQ ID NO: 47:
 US-09-847-185-47

Query Match 100.0%; Score 53; DB 9; Length: 38;
 Best Local Similarity 19.0%; Prod. No. 2.6e+02;
 Matches 4; Conservative 17; Mismatches 0; Indels 0; Gaps 0;

Qy 1 CXXXCXXXXXXXXXXXXXXC 21
 Db 12 CTAGCACCCACCGCTACCC 32

Length: 39

RESULT 11

US-10-224-286-47

Sequence 47, Application US/10224286
 Publication No. US20030108517A1

GENERAL INFORMATION:

APPLICANT: SOO HOO, William

TITLE OF INVENTION: MEMBRANE-BOUND CYTOKINE COMPOSITIONS FOR THERAPY AND METHODS OF MODULATING AN IMMUNE RESPONSE USING SAME

NUMBER OF SEQUENCES: 50

CORRESPONDENCE ADDRESS:

ADDRESSEE: CAMPBELL & FLORES, LLP
 STREET: 4370 La Jolla Village Drive, Suite 700
 CITY: San Diego
 STATE: California
 COUNTY: United States
 ZIP: 92121

COMPUTER READABLE FORM:

MEDIUM TYPE: Floppy disk
 COMPUTER: IBM PC compatible
 OPERATING SYSTEM: PC-DOS/MS-DOS

SOFTWARE: Patentent Release #1.0, version #1.25

CURRENT APPLICATION DATA:

APPLICATION NUMBER: US/10/224,286
 FILING DATE: 19-AUG-2002
 CLASSIFICATION: <Unknown>

PRIOR APPLICATION DATA:

APPLICATION NUMBER: US/08/902,516
 FILING DATE: 29-JUL-1997

ATTORNEY/AGENT INFORMATION:

NAME: Campbell, Cathryn A.
 REGISTRATION NUMBER: 31,815

TELECOMMUNICATION:

TELEPHONE: (619)535-9001
 TELEFAX: (619)535-8949

INFORMATION FOR SEQ ID NO: 47:

SEQUENCE CHARACTERISTICS:

LENGTH: 38 amino acids

TOPOLOGY: linear
 MOLECULE TYPE: peptide

SEQUENCE DESCRIPTION: SEQ ID NO: 47:
 US-10-224-286-47

Query Match 100.0%; Score 53; DB 15; Length: 38;
 Best Local Similarity 19.0%; Prod. No. 2.6e+02;
 Matches 4; Conservative 17; Mismatches 0; Indels 0; Gaps 0;

Qy 1 CXXXCXXXXXXXXXXXXXXC 21
 Db 12 CTAGCACCCACCGCTACCC 32

RESULT 12

US-10-039-386-27417

Query Match 100.0%; Score 53; DB 12; Length: 39;
 Best Local Similarity 19.0%; Prod. No. 2.7e+02;
 Matches 4; Conservative 17; Mismatches 0; Indels 0; Gaps 0;

Qy 1 CXXXCXXXXXXXXXXXXXXC 21
 Db 3 CKGRCPESPERGRCDCDQC 23

RESULT 12

US-10-039-386-27417

Query Match 100.0%; Score 53; DB 12; Length: 39;
 Best Local Similarity 19.0%; Prod. No. 2.7e+02;
 Matches 4; Conservative 17; Mismatches 0; Indels 0; Gaps 0;

Qy 1 CXXXCXXXXXXXXXXXXXXC 21
 Db 3 CKGRCPESPERGRCDCDQC 23

RESULT 12

US-10-039-386-27417

Sequence 8, Application US/10/24557
 Publication No. US2002C137894A1

GENERAL INFORMATION:

APPLICANT: Turner, Katherine
 Clark, Stephen C.
 Jacobs, Kenneth
 Hewick, Roddie M.
 Geesner, Thomas G.

TITLE OF INVENTION: Megakaryocyte Stimulating Factors

NUMBER OF SEQUENCES: 143

CORRESPONDENCE ADDRESS:

ADDRESS: Genetics Institute, Inc.
 STREET: 87 CambridgePark Drive
 CITY: Cambridge
 STATE: Massachusetts
 COUNTRY: U.S.A.
 ZIP: 02140

COMPUTER READABLE FORM:

MEDIUM TYPE: Floppy disk
 COMPUTER: IBM PC compatible
 OPERATING SYSTEM: PC-DOS/MS-DCS

CURRENT APPLICATION DATA:

APPLICATION NUMBER: US/10/124,557
 FILING DATE: 16-APR-2002
 CLASSIFICATION: <Unknown>

PRIOR APPLICATION DATA:

APPLICATION NUMBER: US/10/124,557
 FILING DATE: 18-JAN-1991
 CLASSIFICATION: <Unknown>

APPLICATION NUMBER: US/07/643,502
 FILING DATE: 18-JAN-1991

APPLICATION NUMBER: US 07/546,114
 FILING DATE: 29-JUN-1990
 PRIORITY NUMBER: US 07/457,196
 FILING DATE: 29-DEC-1989
 APPLICATION NUMBER: US C7/390,901
 FILING DATE: 08-AUG-1989
 ATTORNEY/AGENT INFORMATION:
 NAME: Cseri, Lajos
 REGISTRATION NUMBER: 31,822
 TELECOMMUNICATION INFORMATION:
 TELEPHONE: (617)876-1170
 TELEFAX: (617)876-5851
 INFORMATION FOR SEQ ID NO: 8:
 SEQUENCE CHARACTERISTICS:
 LENGTH: 40 amino acids
 TYPE: amino acid
 TOPOLOGY: linear
 MOLECULE TYPE: protein
 SEQUENCE DESCRIPTION: SEQ ID NO: 8;
 US-10-124-557-a

Query Match: 100.0%; Score 53; DB 14; Length 43;
 Best Local Similarity 19.0%; Pred. No. 2.8e+02;
 Matches 4; Conservative 17; Mismatches 0; Gaps 0;
 Indels 0;

Qy 1 CXXXXXXXXXXXXXXCXXXC 21
 Db 4 CKGRCFESFENGRECDCAQC 24

RESULT 13
 US-10-124-557-6
 Sequence 6, Application US/10-24557
 Publication No. US2002137894A1
 GENERAL INFORMATION:
 APPLICANT: Turner, Katherine
 Clark, Stephen C.
 Jacobs, Kenneth
 Hewick, Rodney V.
 Gestner, Thomas G.

TITLE OF INVENTION: Megakaryocyte Stimulating Factors
 NUMBER OF SEQUENCES: 13
 CORRESPONDENCE ADDRESS:
 ADDRESSEE: Genetics Institute, Inc.
 STREET: 87 CambridgePark Drive
 CITY: Cambridge
 STATE: Massachusetts
 COUNTRY: U.S.A.
 ZIP: 02140

COMPUTER READABLE FORM:
 MEDIUM TYPE: Floppy disk
 COMPUTER: IBM PC compatible
 OPERATING SYSTEM: PC DOS/MS-DOS
 SOFTWARE: Patent Release #1.0, Version #1.25

CURRENT APPLICATION DATA:
 APPLICATION NUMBER: US10-124,557
 FILING DATE: 16-Apr-1990
 CLASSIFICATION: <Unknown>
 PRIOR APPLICATION DATA:
 APPLICATION NUMBER: US 07/643,502
 FILING DATE: 18-JAN-1992
 APPLICATION NUMBER: US C7/546,114
 FILING DATE: 29-JUN-1990
 APPLICATION NUMBER: US 07/457,196
 FILING DATE: 29-DEC-1989
 APPLICATION NUMBER: US 07/390,901
 FILING DATE: 08-AUG-1989
 ATTORNEY/AGENT INFORMATION:
 NAME: Cseri, Lajos
 REGISTRATION NUMBER: 31,822
 REFERENCE/DOCKET NUMBER: GI 5190
 TELECOMMUNICATION INFORMATION:

TELEPHONE: (617)876-1170
 TELEFAX: (617)876-5851
 INFORMATION FOR SEQ ID NO: 6:
 SEQUENCE CHARACTERISTICS:
 LENGTH: 41 amino acids
 TYPE: amino acid
 TOPOLOGY: linear
 MOLECULE TYPE: protein
 SEQUENCE DESCRIPTION: SEQ ID NO: 6;
 US-10-124-557-6

Query Match: 100.0%; Score 53; DB 14; Length 41;
 Best Local Similarity 19.0%; Pred. No. 2.8e+02;
 Matches 4; Conservative 17; Mismatches 0; Gaps 0;
 Indels 0;

Qy 1 CXXXXXXXXXXXXXXCXXXC 21
 Db 5 CAGRCGEGYSRDATACTNCYNC 25

RESULT 14
 US-10-063-685-169
 Sequence 169, Application US/10063685
 Publication No. US20030180909A1
 GENERAL INFORMATION:
 APPLICANT: Eaton, Dan L.
 APPLICANT: Filvaroff, Elen
 APPLICANT: Gerritsen, Mary E.
 APPLICANT: Goddard, Audrey
 APPLICANT: Godowski, Paul J.
 APPLICANT: Grimaldi, Christopher C.
 APPLICANT: Gurney, Austin L.
 APPLICANT: Watanabe, Colin K.
 APPLICANT: Wood, William I.
 TITLE OF INVENTION: SECRETED AND TRANSMEMBRANE POLYPEPTIDES AND NUCLEIC ACIDS ENCODING THE SAME
 FILE REFERENCE: P3240.RC
 CURRENT APPLICATION NUMBER: US/10/C63,685
 CURRENT FILING DATE: 2002-05-08
 NUMBER OF SEC ID NO: 170
 SEQ ID NO: 169
 LENGTH: 43
 TYPE: DNA
 ORGANISM: Artificial sequence
 FEATURE:
 OTHER INFORMATION: Synthetic oligonucleotide probe

US-10-C63-685-169

Query Match: 100.0%; Score 53; DB 12; Length: 43;
 Best-Local Similarity 19.0%; Pred. No. 2.9e+02;
 Matches 4; Conservative 17; Mismatches 0; Gaps 0;

Qy 1 CXXXXXXXXXXXXXXCXXXC 21
 Db 11 CGGCCAGTTAAAGACCTGC 3:

RESULT 15
 US-10-184-644-611
 Sequence 611, Application US/10184644
 Publication No. US2003C04930A1
 GENERAL INFORMATION:
 APPLICANT: Baker, Kevin P.
 APPLICANT: Chen, Jian
 APPLICANT: Desnoyers, Luc
 APPLICANT: Goddard, Audrey
 APPLICANT: Godowski, Paul J.
 APPLICANT: Gurney, Austin L.
 APPLICANT: Pan, James
 APPLICANT: Smith, Victoria
 APPLICANT: Watanabe, Colin K.
 APPLICANT: Wood, William I.

; APPLICANT: Zhang,Zemin
; TITLE OF INVENTION: SECRETED AND TRANSMEMBRANE POLYPEPTIDES AND NUCLEIC
; ACIDS ENCODING THE SAME
; FILE REFERENCE: P3430R1C227
; CURRENT APPLICATION NUMBER: US/1C/-84,644
; CURRENT FILING DATE: 2002-06-28
; Prior Application removed - See File Wrapper or Palm
; NUMBER OF SEQ ID NOS: 612
; SEQ ID NO: 611
; LENGTH: 43
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Synthetic oligonucleotide probe.
; US-10-184-644-61.

Query Match Score 53; DB 15; Length: 43;
Best Local Similarity 19.0%; Pred No. 2 9e+C2;
Matches 4; Conservative 17; Mismatches 0; Indels 0; Gaps 0;
Gy 1 CXXXXXXXXXXXXXXXXXX 21
Db 11 CGGCCAGT-AAATGACCTGC 31

Search completed: October 27, 2003, 16:12:12
Job time : 46.4419 secs

GenCore version 5.1.6
Copyright (c) 1993 - 2003 Computer Ltd.

ON Protein - protein search, using sw mode:

Run on: October 27, 2003, 15:54:44 ; Search time 14.1628 Seconds
(without alignments)
62.737 Million cell. updates/sec

Title: US-09-331-631a-38
Perfect score: 53

Sequence: 1 CXXXXXXXXXXXXXXXXXX 21

Scoring table: BLOSUM62DX Gapext 0.5

Searched: 328717 seqs., 42310858 residues

Total number of hits satisfying chosen parameters:

Minimum DB seq length: 6
Maximum DB seq length: 20000000000

Post-processing: Maximum Match C%

Listing first 45 summaries

Database : Issued Patents AA,*

1: /cgnd_6/_prodatt/2/1aa/5A.COMB.pep;*
2: /cgnd_6/_prodatt/2/1aa/5B.COMB.pep;*
3: /cgnd_6/_prodatt/2/1aa/5C.COMB.pep;*
4: /cgnd_6/_prodatt/2/1aa/6A.COMB.pep;*
5: /cgnd_6/_prodatt/2/1aa/6B.COMB.pep;*
6: /cgnd_6/_prodatt/2/1aa/PCNTS.COMB.pep;*

Pred. NC is the number of results predicted by chance to have a score greater than or equal to the score of the result being printed.
- and is derived by analysis of the total score distribution.

SUMMARIES

Residit No.	Score	Query Length	DB Length	ID	Description	
					%	Sequence
1	53	100.0	24	1	US-09-336-555B-41	Sequence 41, App1
2	53	100.0	24	1	US-09-336-555B-41	Sequence 1, App1
3	53	100.0	24	1	US-09-336-555B-41	Sequence 41, App1
4	53	100.0	24	1	US-09-336-555B-41	Sequence 41, App1
5	53	100.0	24	2	US-CG-734-5-9IA-41	Sequence 41, App1
6	53	100.0	24	2	US-CG-469-6-60-41	Sequence 41, App1
7	53	100.0	24	3	US-CG-735-0-21-41	Sequence 41, App1
8	53	100.0	24	3	US-CG-734-6-64A-41	Sequence 41, App1
9	53	100.0	24	4	PCT-US94-05083C4-4-	Sequence 41, App1
10	53	100.0	24	5	PCT-US95-06946A-41	Sequence 41, App1
11	53	100.0	38	2	US-09-3C2-316-47	Sequence 47, App1
12	53	100.0	38	4	US-09-384-186-47	Sequence 12, App1
13	53	100.0	40	4	US-07-757-02B-8	Sequence 8, App1
14	53	100.0	41	4	US-07-757-02B-6	Sequence 6, App1
15	53	100.0	45	1	US-08-451-947-97	Sequence 97, App1
16	53	100.0	45	2	US-08-424-826A-97	Sequence 97, App1
17	53	100.0	45	3	US-08-328-594-97	Sequence 97, App1
18	53	100.0	45	4	US-08-300-230-12	Sequence 12, App1
19	53	100.0	45	4	US-08-300-230-14	Sequence 14, App1
20	53	100.0	45	4	US-08-450-842-97	Sequence 97, App1
21	53	100.0	45	4	US-08-451-190-97	Sequence 97, App1
22	53	100.0	45	5	PCT-US91-0650-97	Sequence 97, App1
23	53	100.0	47	1	US-08-451-947-93	Sequence 93, App1
24	53	100.0	47	1	US-08-451-947-93	Sequence 94, App1
25	53	100.0	47	1	US-08-451-947-95	Sequence 95, App1
26	53	100.0	47	1	US-08-451-947-96	Sequence 96, App1
27	53	100.0	47	2	US-08-424-826A-93	Sequence 93, App1

ALIGNMENTS

RESULT 1
JS-09-336-555B-41
Sequence 41, Application US/08036555B
Patent No. 553019
GENERAL INFORMATION:
APPLICANT: Goodearl, Andrew; Stroobant, Paul;
APPLICANT: Mighetto, Luisa; Watersfield, Michael; Marchioni, Mark;
TITLE OF INVENTION: Glia Mitogenic Factors, Their Preparation and Use
NUMBER OF SEQUENCES: 184
CORRESPONDENCE ADDRESS:
ADDRESSEE: Felice & Lynch
STREET: 905 Third Avenue
CITY: New York City
STATE: New York
COUNTRY: USA
ZIP: 10022
COMPUTER READABLE FORM:
MEDIUM TYPE: Diskette, 5.25 inch, 360 kb storage
OPERATING SYSTEM: PC-DOS
SOFTWARE: Wordperfect
CURRENT APPLICATION DATA:
APPLICATION NUMBER: JS/08/036, 5555B
FILING DATE: 24-MAR-1993
CLASSIFICATION: 435
PRIOR APPLICATION DATA:
APPLICATION NUMBER: 07/945, 172
FILING DATE: 23-CCT-1992
PRIOR APPLICATION DATA:
APPLICATION NUMBER: 07/940, 389
FILING DATE: 03-SEP-1992
PRIOR APPLICATION DATA:
APPLICATION NUMBER: 07/907, 138
FILING DATE: 30-JUN-1992
PRIOR APPLICATION DATA:
APPLICATION NUMBER: 07/863, 703
FILING DATE: 03-APRIL-1992
PRIOR APPLICATION DATA:
APPLICATION NUMBER: U.K. 9: 07566, 3
FILING DATE: 10-APRIL-1991
ATTORNEY/AGENT INFORMATION:
NAME: T., Christine H.
REGISTRATION NUMBER: 34, 266
REFERENCE/DOCKET NUMBER: LJD 52250, 4
TELECOMMUNICATION INFORMATION:
TELEPHONE: (212) 688-9200
TELEFAX: (212) 838-3884
INFORMATION FOR SEQ ID NO: 41:

SEQUENCE CHARACTERISTICS:

LENGTH: 24
TYPE: amino acid
STRANDEDNESS: linear
US-08-036-555B-41

Query Match 100.0%; Score 53; DB 1; Length 24;
Best Local Similarity 19.0%; Pred. No. 78;
Matches 4; Conservative 17; Mismatches 3; Indels 3; Gaps 0;

Qy 1 CXXXXXXXXXXXXXXXXXX 21
Db 4 CGCTCCCTCTTGTGCCCC 24

RESULT 3
US-08-249-322A-41
; Sequence 41; Application US/08249322A

GENERAL INFORMATION:
Patent No. 5716930
; Sequence 41; Application US/08465569
; Patent No. 560632

APPLICANT: Goodearl, Andrew; Stroobant, Paul;
; Mighetto, Luisa; Waterfield, Michael; Marchiori, Mark;
; Chen, Miao Su; Hiles, Ian

TITLE OF INVENTION: Gliai Mitogenic Factors, Their
Preparation and Use

NUMBER OF SEQUENCES: 184

CORRESPONDENCE ADDRESS:
; ADDRESSEE: Felife & Lynch
; STREET: 805 Third Avenue
; CITY: New York City
; STATE: New York
; ZIP: 10022

COMPUTER READABLE FORM:
MEDIUM TYPE: Diskette, 5.25 inch, 360 kb storage
COMPILER: IBM
OPERATING SYSTEM: PC-DOS
SOFTWARE: Wordperfect

CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/CS/249,322A
FILING DATE: 26-MAY-1994
CLASSIFICATION: 435

PRIOR APPLICATION DATA:
APPLICATION NUMBER: 08/036,555
FILING DATE: 24-MAR-1993

PRIOR APPLICATION DATA:
APPLICATION NUMBER: 07/965,173
FILING DATE: 23-OCT-1992

PRIOR APPLICATION DATA:
APPLICATION NUMBER: 07/907,138
FILING DATE: 30-JUN-1992

PRIOR APPLICATION DATA:
APPLICATION NUMBER: 07/940,389
FILING DATE: 03-SEP-1992

PRIOR APPLICATION DATA:
APPLICATION NUMBER: 07/907,138
FILING DATE: 30-JUN-1992

PRIOR APPLICATION DATA:
APPLICATION NUMBER: 07/863,703
FILING DATE: 03-APRIL-1992

PRIOR APPLICATION DATA:
APPLICATION NUMBER: U.K. 91 07566.3
FILING DATE: 10-APRIL-1991

ATTORNEY/AGENT INFORMATION:
NAME: Tsai, Christine H.
REGISTRATION NUMBER: 34,266
REFERENCE/DOCKET NUMBER: LJD 5250.4

TELEPHONE: (212) 688-5200
TELEFAX: (212) 838-3884

INFORMATION FOR SEQ ID NO: 41:
SEQUENCE CHARACTERISTICS:
LENGTH: 24
TYPE: amino acid
STRANDEDNESS: linear
TOPOLOGY: linear

Query Match 100.0%; Score 53; DB 1; Length 24;
Best Local Similarity 19.0%; Pred. No. 78;

US-08-249-322A-41

Matches 4; Conservative 17; Mismatches 0; Indels 0; Gaps 0;

RESULT 4
 Qy 1 CXXXXXXXXXXXXXXXXXX 21
 Db 4 CGCTCCCTCTCTGCCCTC 24

RESULT 4
 Sequence 41; Application US/08469526A
 / Patent No. 5792849
 / APPLICANT: Goodearl, Andrew
 / APPLICANT: Stroobant, Paul
 / APPLICANT: Minghetti, Luisa
 / APPLICANT: Waterfield, Michael
 / APPLICANT: Marchionni, Mark
 / APPLICANT: Hiles, Ian
 / APPLICANT: Chen, Maria Su
 / TITLE OF INVENTION: GLIAL MITOGENIC FACTORS, THEIR PREPARATION AND USE
 / NUMBER OF SEQUENCES: 187
 / CORRESPONDENCE ADDRESS:
 / ADDRESSEE: Clark & Elbing LLP
 / STREET: 176 Federal Street
 / STATE: MA
 / COUNTRY: USA
 / ZIP: 02110
 / COMPUTER READABLE FORM:
 / MEDIUM TYPE: Disquette
 / COMPUTER: IBM Compatible
 / OPERATING SYSTEM: DOS
 / SOFTWARE: FastSeq for Windows Version 2.0
 / CURRENT APPLICATION DATA:
 / APPLICATION NUMBER: US/08/469,526A
 / FILING DATE: 06 June 1995
 / CLASSIFICATION: 435
 / PRIOR APPLICATION DATA:
 / APPLICATION NUMBER: 08/036,555
 / FILING DATE: 24-MAR-1993
 / APPLICATION NUMBER: 07/965,173
 / FILING DATE: 23-OCT-1992
 / APPLICATION NUMBER: 07/940,389
 / FILING DATE: C3-SEP-1992
 / APPLICATION NUMBER: 07/907,138
 / FILING DATE: 03-JUN-1992
 / APPLICATION NUMBER: 07/863,703
 / FILING DATE: 03-APR-1992
 / APPLICATION NUMBER: 07/856,703
 / FILING DATE: 10-APR-1991
 / ATTORNEY/AGENT INFORMATION:
 / NAME: Bieker-Brady, Kristina
 / REGISTRATION NUMBER: 39,109
 / REFERENCE/DOCKET NUMBER: 04585/00200A
 / TELECOMMUNICATION INFORMATION:
 / TELEPHONE: 617-428-0200
 / TELEFAX: 617-428-7045
 / INFORMATION FOR SEQ ID NO: 41:
 / SEQUENCE CHARACTERISTICS:
 / LENGTH: 24
 / TYPE: amino acid
 / STRANGENESS: single
 / TOPOLOGY: linear
 / US -08-469-526A-41

Query Match 100%; Score 53; DB 2; Length: 24;
 Best Local Similarity 19.0%; Pred. No. 78;
 Matches 4; Conservative 17; Mismatches 0; Indels 0; Gaps 0;

Query Match 100%; Score 53; DB 2; Length: 24;
 Best Local Similarity 19.0%; Pred. No. 78;
 Matches 4; Conservative 17; Mismatches 0; Indels 0; Gaps 0;

RESULT 6

Qy 1 CXXXXXXXXXXXXXXXXXX 21
Db 4 CGCTCCCTCTCTGCCTTC 24

GENERAL INFORMATION:

APPLICANT: McBurney, Robert N.; Title of Invention: INHIBITORS OF CELL PROLIFERATION; Correspondence Address: 225 Franklin Street, Boston, Massachusetts 02111-2804; Zip: 02111-2804

COMPUTER READABLE FORM:

Computer: IBM; Medium Type: Diskette, 5.25 inch, 360 kb storage

OPERATING SYSTEM: PC-DOS

Software: Wordperfect

Prior Application Data:

Application Number: US/C8/469,660; Filing Date: 1992-08-04; Classification: 435; Prior Application Data: Application Number: 08/011-396; Filing Date: 29-JUN-1993

Prior Application Data:

Application Number: 07/984,085; Filing Date: 01-DEC-1992

Prior Application Data:

Application Number: C7/951-747; Filing Date: 25-SEP-1992

PRICR Application Data:

Reference/DoCET Number: C4585/317004; Filing Date: 10-AUG-1992

Attorney/Agent Information:

Name: Clark, Paul T.; Registration Number: 30,162; Telephone: (617) 542-5070; Telefax: 200154

Sequence for SEQ ID NC: 41; Type: 24; Strandedness: linear

Topology: linear

US-08-469,660-41

Query Match 100.0%; Score 53; DB 2; Length 24;
Best Local Similarity 19.0%; Pred. No. 78; Matches 4; Indels 0; Gaps 0;

GENERAL INFORMATION:

APPLICANT: McBurney, Robert N.; Title of Invention: INHIBITORS OF CELL PROLIFERATION; Correspondence Address: 225 Franklin Street, Boston, Massachusetts 02111-2804; Zip: 02111-2804

COMPUTER READABLE FORM:

Computer: IBM; Medium Type: Diskette, 1.44 Mb

Operating System: Windows 95

Software: FasSeq Version 2.0

Current Application Data:

Application Number: US/08/734,664A; Sequence 41; Application US/087350218; Patent No. 619377

General Information:

Applicant: Goodearl, Andrew

PRIOR APPLICATION DATA:
 FILING DATE: 26-MAY-1994
 APPLICATION NUMBER: 08/336,555
 PRIOR APPLICATION DATA:
 FILING DATE: 24-MAR-1993
 APPLICATION NUMBER: 07/565,173
 PRIOR APPLICATION DATA:
 FILING DATE: 23-OCT-1992
 APPLICATION NUMBER: 07/940,393
 PRIOR APPLICATION DATA:
 FILING DATE: 03-SEP-1992
 APPLICATION NUMBER: 07/907,138
 PRIOR APPLICATION DATA:
 FILING DATE: 30-JUN-1992
 APPLICATION NUMBER: 07/563,703
 PRIOR APPLICATION DATA:
 FILING DATE: 10-APR-1991
 ATTORNEY/AGENT INFORMATION:
 NAME: Biever-Buddy, Kristina
 REGISTRATION NUMBER: 39,109
 REFERENCE/DOCKET NUMBER: JK 91 07566.3
 TELECOMMUNICATION INFORMATION:
 TELEPHONE: (617) 428-0200
 TELEX: (617) 428-7045
 INFORMATION FOR SEQ ID NO: 41:
 SEQUENCE CHARACTERISTICS:
 LENGTH: 24
 TYPE: amino acid
 STRANDBNESS: linear
 TOPOLOGY: -linear
 JS-08-734-664A-41

Query Match 100.0%; Score 53; DB 3; Length 24;
 Best Local Similarity 19.3%; Pred. No. 78;
 Matches 4; Conservative 17; Mismatches 0;
 Irrels 0; Gaps 0;

Qy 1 CXXXXXXXXXXXXXXXXXX 21
 Db 4 CGCTCCTCTTCCTGCCCTC 24

RESULT 9
 PCT-US94-0503C-41
 Sequence 41; Application PC/TUSS4-05083C
 GENERAL INFORMATION:
 APPLICANT: Robert Sklar, Mark Marchionni,
 ATTORNEY: David I. Grynne
 TITLE OF INVENTION: METHODS FOR ALTERING
 NUMBER OF SEQUENCES: 185
 TITLE OF INVENTION: MUSCLE CONDITION
 CORRESPONDENCE ADDRESS:
 ADDRESSEE: Fish & Richardson
 STREET: 225 Franklin Street
 CITY: Boston
 STATE: Massachusetts
 ZIP: 02110-2804
 COMPUTER READABLE FORM:
 MEDIUM TYPE: Diskette, 5.25 inch, 360
 COMPUTER: IBM
 OPERATING SYSTEM: PC-DCS
 SOFTWARE: Wordperfect

PRIOR APPLICATION DATA:
 APPLICATION NUMBER: 07/965,173
 FILING DATE: 22-OCT-1992
 PRIOR APPLICATION DATA:
 APPLICATION NUMBER: 07/907,138
 FILING DATE: 30-JUN-1992
 PRIOR APPLICATION DATA:
 APPLICATION NUMBER: 07/863,703
 FILING DATE: 03-APRIL-1992
 PRIOR APPLICATION DATA:
 APPLICATION NUMBER: U.K. 91 07566.3

FILING DATE: 10-APRIL-1991
ATTORNEY/AGENT INFORMATION:
NAME: Hanson, Norman D.
REGISTRATION NUMBER: 30,946
TELECOMMUNICATION INFORMATION:
TELEPHONE: (212) 838-3884
TELEFAX: (212) 838-9210
INFORMATION FOR SEQ ID NO: 41:
SEQUENCE CHARACTERISTICS:
LENGTH: 24
TYPE: amino acid
STRANDEDNESS:
TOPCOLOGY: linear
PCT-US55-06346A-41;

RESULT 11
Query Match 100.0%; Score 53; DB 5; Length 24;
Best Local Similarity 19.0%; Pred. No. 78;
Matches 4; Conservative 17; Mismatches 0; Indels 3; Gaps 0;
Query 1 CXXXXXXXXXXXXXXXXXXC 2;
Db 4 CGCTCCCTCTCTTGCCTTC 24

RESULT 11
Sequence 47, Application US/8902516
Patent No. 5891432
GENERAL INFORMATION:
APPLICANT: SOO HOO, William
TITLE OF INVENTION: MEMBRANE-BOUNDED CYTOKINE COMPOSITIONS
TITLE OF INVENTION: COMPRISING GM-CSF AND METHODS OF MODULATING AN IMMUNE
NUMBER OF SEQUENCES: 5C
CORRESPONDENCE ADDRESS:
ADDRESSEE: CAMPBELL & FLORES, LLP
STREET: 4370 La Jolla Village Drive, Suite 700
CITY: San Diego
STATE: California
COUNTRY: United States
ZIP: 92121

COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy disk
COMENTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: Patent in Release #1.0, Version #1.25
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US-38-902-516-47
FILING DATE: 01-MAY-1991
CLASSIFICATION: <Unknown>
PR/CR APPLICATION DATA:
APPLICATION NUMBER: 09/201,931
FILING DATE: <Unknown>
ATTORNEY/AGENT INFORMATION:
NAME: Campbell, Kathryn A.
REGISTRATION NUMBER: 31,815
REFERENCE/DOCKET NUMBER: P-IM 2442
TELECOMMUNICATION INFORMATION:
TELEPHONE: (619)535-9301
TELEFAX: (619)535-8949
INFORMATION FOR SEQ ID NO: 47:
SEQUENCE CHARACTERISTICS:
LENGTH: 38 amino acids
TYPE: amino acid
TOPOLOGY: linear
MOLECULE TYPE: Peptide
SEQUENCE DESCRIPTION: SEQ ID NO: 47:
US-09-847-15-47

Query Match 100.0%; Score 53; DB 4;
Best Local Similarity 19.0%; Pred. No. 1.2e+02;
Matches 4; Conservative 17; Mismatches 0; Indels 0; Gaps 0;

Qy 1 CXXXXXXXXXXXXXXXXXXC 2;
Db 12 CTAGCACCCACCCGCTAACCC 32

RESULT 13
Sequence 9, Application US/077570225
Patent No. 6431142
GENERAL INFORMATION:
APPLICANT: Geser, Thomas G.
APPLICANT: Ciark, Stephen C.
APPLICANT: Turner, Katherine M.
APPLICANT: Hewick, Rodney M.
TITLE OF INVENTION: Megakaryocyte Stimulating Factors
NUMBER OF SEQUENCES: 143
CORRESPONDENCE ADDRESS:
ADDRESSEE: Genetics Institute, Inc.
STREET: 87 Cambridge Park Drive
CITY: Cambridge
STATE: Massachusetts
COUNTRY: U.S.A.

Query Match 100.0%; Score 53; DB 2; Length 38;
Best Local Similarity 19.0%; Pred. No. 1.2e+02;
Matches 4; Conservative 17; Mismatches 0; Indels 0; Gaps 0;

Qy 1 CXXXXXXXXXXXXXXXXXXC 21
Db 12 CTAGCACCCACCCGCTAACCC 32

RESULT 13
Sequence 9, Application US/077570225
Patent No. 6431142
GENERAL INFORMATION:
APPLICANT: Geser, Thomas G.
APPLICANT: Ciark, Stephen C.
APPLICANT: Turner, Katherine M.
APPLICANT: Hewick, Rodney M.
TITLE OF INVENTION: Megakaryocyte Stimulating Factors
NUMBER OF SEQUENCES: 143
CORRESPONDENCE ADDRESS:
ADDRESSEE: Genetics Institute, Inc.
STREET: 87 Cambridge Park Drive
CITY: Cambridge
STATE: Massachusetts
COUNTRY: U.S.A.

ZIP: 0214C
 COMPUTER READABLE FORM:
 MEDIUM TYPE: FLOPPY disk
 COMPUTER: IBM PC compatible
 OPERATING SYSTEM: PC-DOS/MS-DOS
 SOFTWARE: Patentn Release #1.C, Version #1.25
 CURRENT APPLICATION DATA:
 APPLICATION NUMBER: US/07/757,322B
 FILING DATE: 1991-09-0
 CLASSIFICATION: 530
 PRIOR APPLICATION DATA:
 APPLICATION NUMBER: US 37/643,562
 FILING DATE: 18-JAN-1991
 PRIOR APPLICATION DATA:
 APPLICATION NUMBER: US 37/546,114
 FILING DATE: 29-JUN-1990
 PRIOR APPLICATION DATA:
 APPLICATION NUMBER: US 07/457,196
 FILING DATE: 29-DEC-1989
 ATTORNEY/AGENT INFORMATION:
 NAME: Cser, Luann
 REGISTRATION NUMBER: 31,822
 TELECOMMUNICATION INFORMATION:
 TELEPHONE: (617) 876-1170
 TELEX/FAX: (617) 876-5851
 PRIOR APPLICATION DATA:
 APPLICATION NUMBER: US 07/390,901
 FILING DATE: 08-AUG-1989
 ATTORNEY/AGENT INFORMATION:
 NAME: Cser, Luann
 REGISTRATION NUMBER: 31,822
 TELECOMMUNICATION INFORMATION:
 TELEPHONE: (617) 876-1170
 TELEX/FAX: (617) 876-5851
 INFORMATION FOR SEQ ID NO: 8:
 SEQUENCE CHARACTERISTICS:
 LENGTH: 40 amino acids
 TYPE: AMINO ACID
 TOPOLOGY: linear
 MOLECULE TYPE: protein
 US-07-757-322B-8

Query Match: 100.0%; Score 53; DB 4; Length 40;
 Best Local Similarity 19.0%; Pred. No. 1.2+0.2;
 Matches 4; Conservative 17; Missmatches 0; Indels 0; Gaps 0;

Qy 1 XXXXXXXXXXXXXXXXX 21
 Db 4 3KGRCFESPERGRECDCAAC 24

RESULT 14
 US-07-757-322B-6
 ; Patent No. 6433142
 ; GENERAL INFORMATION:
 ; APPLICANT: Clark, Stephen C.
 ; APPLICANT: Turner, Katherine
 ; APPLICANT: Hewick, Rodney M.
 ; TITLE OF INVENTION: Megakaryocyte Stimulating Factors
 ; NUMBER OF SEQUENCES: 143

CORRESPONDENCE ADDRESS:
 ADDRESSEE: Genetics Institute, Inc.
 STREET: 87 Cambridge Park Drive
 CITY: Cambridge
 STATE: Massachusetts
 COUNTRY: U.S.A.
 ZIP: 02140
 COMPUTER READABLE FORM:
 MEDIUM TYPE: FLOPPY disk
 COMPUTER: IBM PC compatible
 OPERATING SYSTEM: PC-DOS/MS-DOS
 SOFTWARE: Patentn Release #1.C, Version #1.25
 CURRENT APPLICATION DATA:
 APPLICATION NUMBER: US/07/757,322B
 FILING DATE: 1991-09-10
 CLASSIFICATION: 530

RESULT 15
 JS-08-451-347-97
 ; Sequence 97, Application US/08451947
 ; Patent No. 5702906
 ; GENERAL INFORMATION:
 ; APPLICANT: GENENTECH, INC.
 ; APPLICANT: ROSENTHAL, ARNON
 ; TITLE OF INVENTION: NOVEL NEUROTROPHIC FACTOR
 ; NUMBER OF SEQUENCES: 100
 ; CORRESPONDENCE ADDRESS:
 ; ADDRESSEE: Genentech, Inc.
 ; STREET: 460 Point San Bruno Blvd
 ; CITY: South San Francisco
 ; STATE: California
 ; COUNTRY: USA
 ; ZIP: 9408C
 COMPUTER READABLE FORM:
 MEDIUM TYPE: 5 1/2 inch, 360 Kb floppy disk
 COMPUTER: IBM PC compatible
 OPERATING SYSTEM: PC-DOS/MS-DOS
 SOFTWARE: patin (Genentech)
 CURRENT APPLICATION NUMBER: US/08/451,947
 FILING DATE:
 CLASSIFICATION: 514
 PRICR APPLICATION DATA:
 APPLICATION NUMBER: 08/426419
 FILING DATE: 19-APR-1995
 APPLICATION NUMBER: 08/330013
 FILING DATE: 22-MAR-1993
 PRIOR APPLICATION DATA:
 APPLICATION NUMBER: 07/648482
 FILING DATE: 31-JAN
 PRIOR APPLICATION DATA:
 APPLICATION NUMBER: 07/587707
 FILING DATE: 1991

ATTORNEY/AGENT INFORMATION:
NAME: Torchia, Dorothy F.
REGISTRATION NUMBER: 36,700
REFERENCE/DOCKET NUMBER: 66EP2C1D2
TELECOMMUNICATION INFORMATION:
TELEPHONE: 415/225 8674
TELEFAX: 415/952-9881
TELEX: 910/371-7162
INFORMATION FOR SEQ ID NO: 97:
SEQUENCE CHARACTERISTICS:
LENGTH: 45 amino acids
TYPE: amino acid
TOPOLOGY: linear
US-08-451-347-97

Query Match Score 53; Score 53; DB 1; Length: 45;
Best Loca: Similarity 19.0%; Pred. No. 24e+02;
Matches 4; Conservative 17; Mismatches 0; Indels 0; Gaps 0;

Qy	1	CCCCXXXXXXXXXXXXXX
Db	23	CACCGAGGAATCTATC

Search completed: October 27, 2003, 16:34:00
Job time : 15.1628 secs

248 PPAPRLPCDGPDCAPPAGLPPDPGCGNCAPDDAYRAAA
258

NUMBER OF SEQUENCES: 6
CORRESPONDENCE ADDRESS:
STREET: 10 South Wacker Drive, Suite 3000
CITY: Chicago
STATE: Illinois
ZIP: 60606

1 match found in sequence:

US-08-103-739B-2 ; Sequence 2, Application US/08103739B
(from "/srch/isa/5A COMB pep")
Sequence 2, Application US/08103739B

Patent No. 5478369

GENERAL INFORMATION:

APPLICANT: ALBERTSEN, Marc C.

BEACH, Larry R.

APPLICANT: HOWARD, John A.

APPLICANT: HUFFMAN, Gary A.

TITLE OF INVENTION: DNA Sequences Mediating Male Fertility

NUMBER OF SEQUENCES: 8

CORRESPONDENCE ADDRESS:

ADDRESSSEE: Pioneer Hi-Bred International, Inc.

STREET: 700 Capital Square, 400 Locust Street

CITY: Des Moines

STATE: Iowa

COUNTRY: U.S.

ZIP: 50309

COMPUTER READABLE FORM:

MEDIUM TYPE: Floppy disk

COMPUTER: IBM PC compatible

OPERATING SYSTEM: PC-DOS/MS-DOS

SOFTWARE: PatentIn Release #1.0, Version #1.25

CURRENT APPLICATION DATA:

APPLICATION NUMBER: US/08/103...739B

FILING DATE: 02-AUG-1993

PRIOR APPLICATION DATA:

APPLICATION NUMBER: US 07/537,183

FILING DATE: 12-JUN-1990

ATTORNEY/AGENT INFORMATION:

NAME: Sweeney, Patricia A.

REGISTRATION NUMBER: 32,733

REFERENCE/DOCKET NUMBER: 0125R2

TELECOMMUNICATION INFORMATION:

TELEPHONE: (515) 248 4897

TELEFAX: (515) 248-8844

INFORMATION FOR SEQ ID NO: 2:

SEQUENCE CHARACTERISTICS:

LENGTH: 473 amino acids

TYPE: amino acid

TOPOLOGY: linear

Found using 'cys' (new.key)

420 EDXPXSMFLQCLIVYRLXNSNAVTCGCNLCVWQ:GIIMDR
430

NUMBER OF SEQUENCES: 6
CORRESPONDENCE ADDRESS:
ADDRESSSEE: Allegretti & Wittcoff, Ltd.
STREET: 10 South Wacker Drive, Suite 3000
CITY: Chicago
STATE: Illinois
ZIP: 60606

1 match found in sequence:
US-08-103-739B-2 ; Sequence 2, Application US/08103739B
(from "/srch/isa/5A COMB pep")
Sequence 2, Application US/08103739B

Patent No. 5516683

GENERAL INFORMATION:

APPLICANT: Grandy, David K

APPLICANT: Bunzow, James R

APPLICANT: Civelli, Olivier

APPLICANT: Van Tol, Hubert H.-M.

NAME: No. 5516683el Human Dopamine Receptor and Uses

NUMBER OF SEQUENCES: 6
CORRESPONDENCE ADDRESS:
ADDRESSSEE: Allegretti & Wittcoff, Ltd.
STREET: 10 South Wacker Drive, Suite 3000
CITY: Chicago
STATE: Illinois
ZIP: 60606

COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy disk
COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: PatentIn Release #1.0, Version #1.25

CURRENT APPLICATION DATA:

APPLICATION NUMBER: US/08/056,051

FILING DATE: 1993-04-29

CLASSIFICATION: 435

ATTORNEY/AGENT INFORMATION:

NAME: No. 5516683nan Kevin E